

The
College of William and Mary
in
Virginia

Bulletin of The College of William and Mary—Catalogue Issue

Vol. 49, No. 6

April, 1955

Entered at the Post-Office at Williamsburg, Virginia, July 3, 1926, under act of August 24, 1912, as second-class matter. Issued 10 times: January, February, three issues in March, one issue in April, two issues in June, one issue in August, and one in December.



PRIORITIES OF THE COLLEGE OF WILLIAM AND MARY.

**Chartered February 8, 1693, by King William and Queen Mary.
Main building designed by Sir Christopher Wren.**

FIRST College in the United States in its antecedents, which go back to the College proposed at Henrico (1619). Second to Harvard University in actual operation.

FIRST American College to receive its charter from the Crown under the Seal of the Privy Council, 1693. Hence it was known as "their Majesties' Royal College of William and Mary."

FIRST and ONLY American College to receive a Coat-of-Arms from the College of Heralds, 1694.

FIRST College in the United States to have a full Faculty, consisting of a President, six Professors, usher, and writing master, 1729.

FIRST College to confer medallic prizes: the gold medals donated by Lord Botetourt in 1771.

FIRST College to establish an inter-collegiate fraternity, the Phi Beta Kappa, December 5, 1776.

FIRST College to have the Elective System of study, 1779.

FIRST College to have the Honor System, 1779.

FIRST College to become a University, 1779.

FIRST College to have a school of Modern Languages, 1779.

FIRST College to have a school of Municipal and Constitutional Law, 1779.

FIRST College to teach Political Economy, 1784.

FIRST College to have a school of Modern History, 1803.

*Presented by the Colonial Capital Branch of
The Association for the
Preservation of Virginia Antiquities,
1914.*

Vol. 49, No. 6

April, 1955

BULLETIN
of
The College of William and Mary
in Virginia

CATALOGUE NUMBER



TWO HUNDRED AND SIXTY-SECOND YEAR
1954-1955

Announcements, Session 1955-1956

WILLIAMSBURG, VIRGINIA
1955

1955

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COLLEGE CALENDAR 1955-1956

1955

FIRST SEMESTER

<i>September 11-17</i>	Orientation Period (Sunday-Saturday)
<i>September 19-20</i>	Registration (Monday-Tuesday)
<i>September 21</i>	Beginning of Classes: 8 A.M. (Wednesday)
<i>September 23</i>	Autumn Convocation: 11 A.M. (Friday) John Marshall Bicentennial Convocation
<i>November 16</i>	Honors Convocation: 10 A.M. (Wednesday)
<i>November 24</i>	Thanksgiving Holiday (Thursday)
<i>December 15</i>	Beginning of Christmas Recess: 1 P.M. (Thursday)

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<i>January 3</i>	End of Christmas Recess: 8 A.M. (Tuesday)
<i>January 19</i>	End of Classes: 5 P.M. (Thursday)
<i>January 20-21</i>	Pre-Examination Period (Friday-Saturday)
<i>January 23-</i> <i>February 2</i>	Mid-Year Examinations (Monday-Thursday)

SECOND SEMESTER

<i>February 6</i>	Registration (Monday)
<i>February 7</i>	Beginning of Classes: 8 A.M. (Tuesday)
<i>February 8</i>	Charter Day Convocation: 11 A.M. (Wednesday)
<i>April 3</i>	Beginning of Spring Recess: 5 P.M. (Tuesday)
<i>April 11</i>	End of Spring Recess: 8 A.M. (Wednesday)
<i>May 24</i>	End of Classes: 5 P.M. (Thursday)
<i>May 25-26</i>	Pre-Examination Period (Friday-Saturday)
<i>May 28-June 7</i>	Final Examinations (Monday-Thursday)
<i>June 9</i>	Alumni Day (Saturday)
<i>June 10</i>	Baccalaureate and Commencement Day (Sunday)

SUMMER SESSION

<i>June 19</i>	Beginning of Summer Session (Tuesday)
<i>August 17</i>	End of Summer Session (Friday)

HISTORY OF THE COLLEGE

A FEW YEARS after the founding of Jamestown, a movement was started in England and in Virginia to establish a college, and its construction actually was begun at a settlement called Henrico on the James River ten miles below the present city of Richmond. The Indian massacre of 1622 disrupted these plans, but the idea persisted. In 1661 the General Assembly of Virginia provided for the establishment of a "Colledge," but it was not until 1693 that the College of William and Mary in Virginia was chartered by the joint sovereigns whose names it bears. The Bishop of London was named its first chancellor, and the Reverend James Blair became the first president, occupying this office until his death fifty years later. In 1695, while Jamestown was still the capital of Virginia, construction of the new college was begun at the Middle Plantation, located approximately midway between the James and York rivers. The Wren Building, the oldest academic building in the United States, was constructed from plans supplied by Sir Christopher Wren, and for many years it served as living quarters and classroom facilities for the entire college. In 1699, the Middle Plantation became Williamsburg and the capital of Virginia.

Holding a royal charter, with arms granted by the College of Heralds, the College of William and Mary enjoyed the benefits of royal favor combined with the income from duties granted by the General Assembly. Until the American Revolution it was perhaps the wealthiest college in America. While the charter provided for a president and six masters or professors, it was not until 1729 that all these professorships were established. The chairs were: Divinity, Philosophy, Oriental Languages, Mathematics, the Grammar School, and the Indian School. The Indian School, endowed from a large estate which Robert Boyle, the great English physicist and the discoverer of "Boyle's Law," left for "pious and religious uses," was housed in the Brafferton, built in 1723, and named for a manor in Yorkshire from which most of the revenues were derived. The Indian School languished, however, and failed to survive the Revolution. In 1705 the Wren Building was destroyed by fire. It was rebuilt with the original walls and completed about 1716. In 1732 the

chapel wing of the Wren Building was opened, and the foundation of the President's House was laid. In 1776, Phi Beta Kappa, the first Greek letter fraternity, was founded by a group of students at the College. In 1779 the first Honor System was instituted, and in the same year came the sharpest break with academic tradition. Under the influence of Thomas Jefferson, then Governor of Virginia, the curriculum was severely revised: a school of law was established—the first school of law in America and the second in the English speaking world—and the old departments were replaced by professorships of Anatomy and Medicine, Natural Philosophy and Mathematics, Moral Philosophy and Fine Arts, and Modern Languages.

When America resisted the policies of the British Crown, William and Mary, although wealthy and under royal patronage, chose to risk the loss of material substance for principle. Taking an active part in the events surrounding the Revolution and the founding of the Republic, the College supplied such leaders as Thomas Jefferson, James Monroe, Peyton Randolph, Richard Bland, John Marshall and Benjamin Harrison to the cause of Independence. Although George Washington never attended William and Mary, he received his surveyor's commission from the College and served as its chancellor from 1789 until his death.

In 1781, during the memorable Yorktown campaign, academic life was interrupted temporarily, and the buildings were occupied in turn by the army of Cornwallis and by the American and French allies. The President's House, built in 1732 and occupied by every president of the College, accidentally was partly burned by the French troops. It was later restored by Louis XVI.

Following the war, William and Mary was seriously impoverished by the loss of its invested revenues and the income from duties granted by the General Assembly of Virginia. Under the able administration of Bishop James Madison, cousin to President James Madison, the College recovered rapidly and during the presidency of Thomas Roderick Dew (1836-46) reached its peak enrollment until comparatively recent times. In 1854, Benjamin Stoddert Ewell became president. On the 166th anniversary of the founding, the interior of the Wren Building

was burned a second time when some early documents, including the original charter, all of the library, and the chemical laboratory were destroyed.

With the advent of the war in 1861, the College closed, and the President, faculty, and student body entered the Confederate service. Again the academic halls echoed to the tramp of soldiers, the buildings being occupied successively by both the Union and Confederate armies. In 1862, the Wren Building was burned a third time when Union troops acting without orders set fire to the structure. With the return of peace in 1865, the College was reopened by President Ewell. With resources gone, students and faculty scattered, the main building with the library burned, Wil-
lilam and Mary was a monument to the desolation of war. Heroically, Ewell fought an apparently losing fight, and although somewhat rehabilitated, the College was forced to suspend operations in 1881 for lack of funds. The charter was kept alive by President Ewell, who rang the college bell to mark the opening of every term, though only a handful of volunteer students remained for gratuitous instruction.

In 1888, with a state grant of \$10,000, the College reopened under the presidency of Lyon G. Tyler, son of President John Tyler. In 1906, it became a state institution, and its control was placed under a Board of Visitors appointed by the Governor of Virginia. It became coeducational in 1918. During the administration of Julian Alvin Carroll Chandler (1919-1934), an alumnus, the facilities were immensely increased, and the student body grew from 130 to 1,300 with a faculty of nearly one hundred. The College also expanded to include a Division in Richmond (1925), now the Richmond Professional Institute, and a Norfolk Division (1930).

Between 1928-1932 the three earliest buildings, the Wren Building, the Brafferton, and the President's House, were restored to their original appearance through the generosity of John D. Rockefeller, Jr.

President Chandler was succeeded in 1934 by John Stewart Bryan as the twentieth president. President Bryan continued the expansion of the facilities of the College, and during his administration there was a marked cultural development. Shortly after the United States entered the Second World War, Mr.

Bryan retired to become the fourth American chancellor. He was followed by President John Edwin Pomfret who guided William and Mary through the grim days of the war years. For a period the ancient walls resounded to the marching feet of an Army Specialized Training Program unit. A school for the training of Naval chaplains was established on the campus and continued to the end of the war. The College experienced the general abnormal expansion following 1946 when the veterans returned to increase the enrollment for a time to slightly over the 2,000 mark. In 1943 the Institute of Early American History and Culture was formed by the union of the research activities of the College and Colonial Williamsburg, Inc. This organization of scholars is devoted to study and research in Colonial American history; its purpose is "to promote sound interpretation of the American heritage on all levels."

President Pomfret was followed by Alvin Duke Chandler, who became the twenty-second president in October, 1951. In September 1954, the Department of Jurisprudence, by action of the Board of Visitors, became the Marshall-Wythe School of Law.

Through three fires, the war of the Revolution and the war of 1861 and the economic chaos that followed, William and Mary has survived, and today, in the unique setting of Williamsburg, with the cultural heritage of the past, and an academic vision for the future, it serves Virginia and the nation as it originally served Virginia and the Crown.

So intimately associated is the name of William and Mary with the names of famous Americans that its history forms an important part of the history of the nation. Among the distinguished William and Mary names in the years subsequent to the great flowering of the eighteenth century are those of John Tyler, President of the United States; John Randolph of Roanoke; Philip Pendleton Barbour; William T. Barry; Alexander H. H. Stuart; William Cabell Rives; John J. Crittenden, author of the Crittenden Compromise; Lieutenant General Winfield Scott, hero of the Mexican War and Commander of the Army of the United States in 1861; Edmund Ruffin, famous Southern agriculturist, who is credited with firing the first shot at Fort Sumter; James M. Mason of "Mason and Slidell" fame; William B. Taliaferro, Major General, C. S. A.; William Barton Rogers, founder of

the Massachusetts Institute of Technology; James Branch Cabell; and Admiral Cary T. Grayson. The roll of fame of William and Mary includes the first president and fifteen members of the Continental Congress, four signers of the Declaration of Independence, three presidents of the United States, one Chief Justice and three Associate Justices of the Supreme Court, thirteen Cabinet members, twenty-nine Senators, three Speakers and fifty-five members of the House of Representatives, eighteen Foreign Ministers, one Lieutenant General, twenty-one Governors of Virginia, twenty-two judges of the Virginia Supreme Court of Appeals, besides many others distinguished in civil and military life, in letters, science, education, and the church.

THE HONOR SYSTEM

THE HONOR SYSTEM was established at William and Mary in 1779. The essence of the Honor System is individual responsibility. It assumes that the principles of honorable conduct are familiar and dear to all students; it assumes that every student is deeply concerned with the strict observance of these principles, for his own sake, for the sake of his fellows, and for the sake of the college.

PERSONNEL OF THE HONOR COUNCILS

The Men's Honor Council is composed of three senior representatives, three junior representatives, and one sophomore representative elected by the men's student body. A President and a Vice-President are chosen by the council from among the senior representatives and a Secretary is chosen from among the junior representatives.

The Women's Honor Council is composed of a Chairman and two additional senior representatives, three junior representatives, and one sophomore representative elected by the women's student body. A Secretary is chosen by the council from among the junior representatives.

PRACTICES

Upon matriculation, each student shall sign a statement to the effect that he understands what is expected of him under the Honor System and that infraction of the Honor Code at any time during his student days is punishable by dishonorable dismissal from College. Infractions include cheating, stealing, lying and failure to report an offense. A professor may require the signing of a formal pledge on any work, even though the initial pledge stands as long as the student is enrolled in the College.

All scholastic work, whether it be in the lecture room, the library, the student's room, or elsewhere is under the Honor Code. All cheating, whether in tests, assignments, or examinations, is a violation of the Honor Code. Giving aid to any student or receiving aid from any student, without the consent of the professor, in tests, assignments or examinations, is cheating.

The faculty will cooperate in explaining whether or not aid may be given or obtained on a particular assignment.

Physical comfort, as well as usual practice, suggests that students shall occupy alternate seats during an examination. In consideration for others, students should not disturb a class by leaving the examination room except when necessary, or by remaining absent except for a brief period.

Since the student assumes the responsibility for the administration of the Honor System, the College does not practice supervision of examinations by proctors.

REPORTING A BREACH OF HONOR

Any person believing that a breach of the Honor Code has been committed is obligated to exercise one of two alternatives; first, he may challenge the student accused of the act and offer him the opportunity to resign from the College immediately, or to report himself to the Honor Council (if the accused does not report himself to the Honor Council, the accuser must report the case); second, he may report the suspect directly to any member of the Men's or Women's Honor Councils. A student accused of a breach of the Honor Code shall be entitled to know the charges against him, the evidence given, and to be confronted by the witnesses.

TRIAL OF THE ACCUSED

At the trial of the case, the presiding officer of the Honor Council shall conduct the meeting. Minutes of the trial shall be kept by the Secretary. These minutes shall be the property of the Honor Council, whose duty it shall be to see that they are stored in the college vaults.

At the trial the accused shall be at liberty to say what he chooses in his own defense. A witness called to testify must appear before the Honor Council and must give such testimony pertaining to the case as may be requested by the Council. Lying before the Honor Council is in itself a violation of the Honor Code.

The minutes of any trial may be inspected in the presence of two or more members of the Council by persons satisfying the

Council of their legitimate interest in the case. In the event that the accused is declared innocent, the minutes of the trial shall be immediately destroyed.

FAILURE TO STAND TRIAL

Should the accused leave the College without appearing before the Honor Council for trial, the accuser shall report the name of the accused and the breach of honor to the presiding officer of the Honor Council. The Honor Council shall then record the facts of the case and advise the President of the College that the student withdrew under suspicion of a breach of honor.

PENALTY FOR A BREACH OF HONOR

A violation of the Honor Code is punishable by dismissal from College. The essential basis of the Honor System is that all honor is indivisible and as such calls for the same treatment; but the penalty may be modified when in the opinion of the Council conclusive reasons for so doing exist.

If after trying a case, six of the seven members of the Council are convinced of the guilt of the accused and shall so cast their votes in a secret ballot, the Honor Council shall immediately report its findings and recommendations to the President of the College.

Penalties shall be imposed promptly and, in case of dismissal, the President of the College shall have the parents and the Alumni Secretary informed, and shall have the facts recorded on all official records.

RETRIAL OF HONOR CASES

A case may be reopened upon the presentation of new evidence bearing directly on the question of guilt. Persons desiring to reopen a case shall appear before the Honor Council to present such new evidence, and the Council shall determine whether this new evidence is sufficiently conclusive to warrant a retrial. Should the case be reopened, it must be entirely retried.

OFFICERS OF THE COLLEGE

Board of Visitors

JAMES M. ROBERTSON
H. HUDNALL WARE, JR.

Rector
Vice-Rector

TO MARCH 7, 1956

J. D. CARNEAL, JR.	Richmond, Virginia
ROY R. CHARLES	Norfolk, Virginia
MRS. PHILIP W. HIDEN	Newport News, Virginia
JOHN GARLAND POLLARD, JR.	Somers, Virginia
WALTER S. ROBERTSON	Richmond, Virginia

TO MARCH 7, 1958

R. WILLIAM ARTHUR	Wytheville, Virginia
JOHN V. BAUSERMAN	Woodstock, Virginia
JAMES M. ROBERTSON	Norfolk, Virginia
EDWARD P. SIMPKINS, JR.	Richmond, Virginia
H. HUDNALL WARE, JR.	Richmond, Virginia

The State Superintendent of Public Instruction, Ex-Officio

DOWELL J. HOWARD, Richmond, Virginia

Secretary to the Board of Visitors

ROY R. CHARLES

Standing Committees of the Board of Visitors

Executive: JAMES M. ROBERTSON, *Chairman*; J. D. CARNEAL, JR.; ROY R. CHARLES; MRS. P. W. HIDEN; J. GARLAND POLLARD, JR.; H. HUDNALL WARE, JR.

Finance: J. GARLAND POLLARD, JR., *Chairman*; J. D. CARNEAL, JR.; MRS. P. W. HIDEN.

Grounds and Buildings: ROY R. CHARLES, *Chairman*; JOHN V. BAUSERMAN; J. D. CARNEAL, JR.; MRS. P. W. HIDEN; EDWARD P. SIMPKINS, JR.

Divisions: H. HUDNALL WARE, JR., *Chairman*; ROY R. CHARLES; EDWARD P. SIMPKINS, JR.

Education: DOWELL J. HOWARD, *Chairman*; R. WILLIAM ARTHUR; J. D. CARNEAL, JR.

Officers of Administration

THE COLLEGE OF WILLIAM AND MARY

BUSINESS MANAGEMENT AND INFORMATION

ALVIN DUKE CHANDLER	<i>President of the College</i>
HUGH H. SISSON	<i>Bursar</i>
VERNON L. NUNN	<i>Auditor</i>
ROGER W. DUDLEY	<i>Director of Information</i>

EDUCATIONAL ADMINISTRATION

ALVIN DUKE CHANDLER	<i>President of the College</i>
CHARLES F. MARSH	<i>Dean of the Faculty</i>
DUDLEY WARNER WOODBRIDGE	<i>Dean of the Marshall-Wythe School of Law</i>
GEORGE J. OLIVER	<i>Coordinator of Branch Activities and Director of Extension</i>
KENNETH CLEETON	<i>Director of the Summer Session</i>
JOHN S. QUINN	<i>Coordinator of the Evening Session</i>

STUDENT PERSONNEL ADMINISTRATION

ALVIN DUKE CHANDLER	<i>President of the College</i>
J. WILFRED LAMBERT	<i>Dean of Students and Registrar</i>
H. WESTCOTT CUNNINGHAM	<i>Dean of Admissions</i>
JOE D. FARRAR	<i>Dean of Men</i>
DOROTHEA WYATT	<i>Dean of Women</i>
JACK S. STURGELL	<i>Assistant Dean of Men</i>

Officers of Administration

19

DOROTHY JESTER	<i>Assistant Dean of Women</i>
ROBERT E. DEBORD, M.D.	<i>College Physician</i>
JOHN C. BRIGHT	<i>Director of the Work-Study Plan;</i> <i>Director of the Placement Bureau</i>
RICHARD B. BROOKS	<i>Director of Counseling</i>

LIBRARY

ALVIN DUKE CHANDLER	<i>President</i>
WILLIAM GREGORY HARKINS	<i>Librarian</i>
EARL GREGG SWEM	<i>Librarian Emeritus</i>

NORFOLK AND RICHMOND BRANCHES OF THE COLLEGE

THE NORFOLK DIVISION

ALVIN DUKE CHANDLER	<i>President</i>
H. H. SISSON, JR.	<i>Bursar</i>
GEORGE J. OLIVER	<i>Coordinator</i>
L. W. WEBB, JR.	<i>Director</i>
EDWARD V. PEELE	<i>Assistant Director</i>
L. M. KLINEFELTER	<i>Supervisor of the Technical Institute</i>
R. C. MCCLELLAND	<i>Supervisor of the Evening College</i>
E. B. RICHARDS	<i>Registrar</i>
HART SLATER	<i>Business Manager</i>

THE RICHMOND PROFESSIONAL INSTITUTE

ALVIN DUKE CHANDLER	<i>President</i>
H. H. SISSON, JR.	<i>Bursar</i>

GEORGE J. OLIVER	<i>Coordinator</i>
HENRY H. HIBBS	<i>Provost</i>
MARGARET L. JOHNSON	<i>Dean of Students; Registrar</i>
H. TUDOR WESTOVER	<i>Dean of Instruction</i>
ROBERT T. ENGLISH, JR.	<i>Business Manager</i>
ROBERT HILL FLEET	<i>Manager, Night College</i>

Officers of Instruction *

ALVIN DUKE CHANDLER (1951, 1951), *President*. B.S., U. S. Naval Academy.

DANIEL JAMES BLOCKER (1920, 1920, 1930), *Professor of Sociology, Emeritus*. A.B., University of Chicago; A.B. Stetson University; A.M., University of Chicago; B.D., University of Chicago; D.D., Stetson University.

JEAN STEWART MAJOR (1928, 1928), *Associate Professor, Emeritus*. B.S. and A.M., Columbia University.

EARL GREGG SWEM (1920, 1920), *Librarian, Emeritus*. A.B., and A.M., Lafayette College; Litt.D., Hampden-Sydney College; Litt.D., Lafayette College; LL.D., College of William and Mary.

HELEN FOSS WEEKS (1930, 1923), *Professor of Education, Emeritus*. B.S., University of California; A.M. and Ph.D., Columbia University.

WILLIAM W. ABBOTT (1953, 1953), *Assistant Professor of History*. A.B., University of Georgia; A.M. and Ph.D., Duke University.

DOUGLASS G. ADAIR (1947, 1943), *Associate Professor of History*. A.B., University of the South; A.M., Harvard University; Ph.D., Yale University.

RALPH ALSTON, JR. (1954, 1954), *Assistant Professor of Biology*. B.S., William and Mary.

*The first date indicates the year when the present rank was attained; the second date the year when the individual was first appointed as an officer of instruction. A third date indicates the year of reappointment. All changes in the Faculty that occurred in the session 1954-1955 through February 1, 1955, are included in this list.

- CHARLES HARPER ANDERSON (1952, 1946), *Associate Professor of Law*. A.B. and B.C.L., College of William and Mary; LL.M., University of Virginia.
- JAY D. ANDREWS (1950, 1946), *Associate Biologist in the Virginia Fisheries Laboratory*. B.S., Kansas State College; M.Ph. and Ph.D., University of Wisconsin.
- ALFRED R. ARMSTRONG (1945, 1933), *Associate Professor of Chemistry*. B.S. and A.M., College of William and Mary; Ph.D., University of Virginia.
- JOANNA ARMSTRONG (1952, 1951), *Instructor in Modern Languages*. A.M., University of Utah; Certificate D'Etudes, Sorbonne, Paris.
- THOMAS CONNER ATKESON (1954, 1954), *Professor of Taxation*. B.S., M.S. and Ph.D., Georgetown University.
- ROBERT SYDNOR BAILEY (1951, 1951), *Asssitant Biologist in the Virginia Fisheries Laboratory*. A.B., Randolph-Macon College; A.M., College of William and Mary.
- BOYDSON H. BAIRD (1952, 1952), *Lecturer in Physical Education for Men*. A.B., Maryville College; M.S., Indiana University.
- CHESTER STOYLE BAKER, JR. (1949, 1949), *Law Librarian*. A.B. and B.C.L., College of William and Mary.
- JOHN T. BALDWIN, JR. (1946, 1946), *Professor of Biology*. A.B., College of William and Mary; Ph.D., University of Virginia.
- JAMES H. BALTZELL (1954, 1954), *Assistant Professor of Modern Languages*. A.B., University of Illinois; A.M., Ph.D., Indiana University.
- JAMES WORTH BANNER (1953, 1949), *Professor of Modern Languages*. B.S., Roanoke College; A.M. and Ph.D., University of North Carolina.
- JOHN KIRBY BARE (1950, 1949), *Associate Professor of Psychology*. A.B., Oberlin College; M.Sc., and Ph.D., Brown University.

- MARTHA ELIZABETH BARKSDALE (1936, 1921), *Associate Professor of Physical Education*. O.D., Gymnastic Peoples College, Ollerup, Denmark; A.B. and A.M., College of William and Mary.
- DONNA K. BARRAND (1951, 1951), *Instructor in Physical Education*. A.B., Lake Erie College; M.S., Smith College.
- GRACE J. BLANK (1947, 1931), *Associate Professor of Biology*. A.B., Maryville College; M.S., University of Michigan.
- RICHARD BOYNTON BROOKS (1952, 1947), *Associate Professor of Psychology and Director of Counseling*. B.P.E., Springfield College; A.M., University of Pennsylvania.
- GLORIA BRYANT (1953, 1953), *Instructor in Physical Education*. B.S., Sargent College, Boston University; M.S., Smith College.
- EVERETTE C. BUSKIRK (1954, 1954), *Lecturer in Music*. B.P.S.M., Indiana University; M.M.E., New England Conservatory of Music.
- LYMAN BUTTERFIELD¹ (1951, 1951), *Lecturer in History*. A.B. and A.M., Harvard University; Litt.D., Franklin and Marshall College.
- EMILY ELEANOR CALKINS (1953, 1927), *Associate Professor of Mathematics*. A.B., College of William and Mary; A.M., University of Michigan.
- LESTER J. CAPPON (1952, 1952), *Lecturer in History*. A.B. and A.M., University of Wisconsin; A.M. and Ph.D., Harvard University.
- JANE CARSON (1952, 1952), *Lecturer in History*. A.B., Flora Macdonald; A.M. and Ph.D., University of Virginia.
- JAMES DAVID CARTER, JR. (1930, 1927), *Associate Professor of Modern Languages*. A.B., College of William and Mary; Docteur de l'Université de Toulouse.

¹Resigned November 21, 1954.

I-KUA CHOU (1953, 1949), *Associate Professor of Government*.
LL.B., National Fuh-tan University; A.M. and Ph.D.,
Fletcher School of Law and Diplomacy.

GRAVES GLENWOOD CLARK (1953, 1920), *Professor of English*.
LL.B., Richmond College; A.B., University of Richmond;
A.M., Columbia University.

KENNETH H. CLEETON (1952, 1946), *Professor of Education*.
B.S. and A.M., University of Missouri; Ed.D., University
of Colorado.

JAMES LOWRY COGAR (1933, 1933), *Lecturer in History*. A.B.,
University of Kentucky; A.M., Harvard University.

HIBBERT DELL COREY (1943, 1929), *Professor of Economics and
Business Administration*. A.B., University of Michigan;
A.M., Ohio State University.

JOSEPH M. CORMACK (1946, 1946), *Professor of Law*. A.B.,
Northwestern University; LL.B. and J.S.D., Yale University.

ERNESTINE COX² (1955, 1955), *Acting Instructor in Psychology*.
B.S., College of William and Mary; A.M., University of
North Carolina.

JOSEPH CURTIS (1953, 1948), *Professor of Law*. B.S., LL.B.
and LL.M., New York University.

CHARLES EDWARD DAVIDSON (1953, 1949), *Assistant Professor
of English*. A.B., Princeton University; A.M. and Ph.D.,
Yale University.

MERLE DAVIS (1952, 1952), *Associate Professor of Education*.
B.S., Longwood College; A.M., College of William and
Mary.

HOWARD DEARSTYNE (1947, 1947), *Lecturer in Architecture*.
A.B., Columbia University; Diploma, Bauhaus School of
Design, Dessau, Germany.

CATHERINE EDMONDSON (1953, 1953), *Instructor in Physical
Education*. B.S., Texas State College for Women.

²Second semester, 1954-1955.

- RONALD EMMA (1954, 1954), *Acting Instructor in English*. A.B., College of the City of New York; A.M., Duke University.
- FRANK BROOKE EVANS, III¹ (1949, 1947), *Associate Professor of English*. A.B., Amherst College; A.M. and Ph.D., Princeton University.
- CARL A. FEHR (1951, 1945), *Associate Professor of Music*. A.B. and A.M., University of Texas; M.Mus., University of Michigan; Ed.D., Columbia University.
- DONALD MADISON FOERSTER (1950, 1948), *Associate Professor of English*. A.B., University of Iowa; Ph.D., Yale University.
- LEWIS A. FOSTER, JR.² (1954, 1954), *Acting Instructor in Philosophy*. A.B. and A.M., University of Virginia.
- HAROLD LEES FOWLER (1946, 1934), *Professor of History*. A.B., Dartmouth College; A.M. and Ph.D., Harvard University.
- MORTON J. FRISCH (1953, 1953), *Acting Assistant Professor of Government*. A.B., Roosevelt College; M.S., University of Chicago; Ph.D., Pennsylvania State College.
- EARL W. FUQUA, CAPT. INF. (1954, 1954), *Assistant Professor of Military Science and Tactics*. B.S., United States Military Academy.
- WAYNE FULTON GIBBS (1931, 1926), *Professor of Accountancy*. B.S. and M.S., University of Illinois; C.P.A. (Virginia).
- JOHN L. GIBSON (1954, 1954), *Acting Instructor in English*. B.S., United States Merchant Marine Academy; A.M., University of North Carolina.
- WILLIAM A. GRANT (1954, 1954), *Assistant Professor of Biology*. A.B., Dartmouth College; Ph.D., Yale University.
- WILLIAM GEORGE GUY (1930, 1925), *Chancellor Professor of Chemistry*. B.Sc. and A.B., Mt. Allison University, Canada; A.B., Oxford University, England; Ph.D., University of Chicago.

¹On leave of absence, 1954-1955.

² First semester, 1954-55.

- ALBERT E. HAAK (1952, 1947), *Assistant Professor in Fine Arts*. A.B., Lawrence College; A.M., College of William and Mary.
- ANDREW C. HAIGH (1944, 1944), *Associate Professor of Music*. A.B., University of Michigan; A.M. and Ph.D., Harvard University.
- JANET HALL (1953, 1953), *Lecturer in Music*. A.B., Smith College; M.S.M., Union Theological Seminary.
- MARGARET HAMILTON (1953, 1953), *Acting Assistant Professor of Government*. A.B., University of Michigan; A.M., Columbia University.
- NINA M. HARKINS (1952, 1952), *Acting Instructor in English*. A.B. and A.M., University of Mississippi.
- WILLIAM GREGORY HARKINS (1951, 1951), *Librarian*. A.B., University of Alabama; B.S. in Library Science, University of Illinois; A.M. in Library Science, University of Michigan.
- WILLIAM B. HARMAN (1954, 1954), *Lecturer in Business Administration*. A.B., College of William and Mary.
- IDA HARPER (1954, 1954), *Instructor in Sociology and Anthropology*. A.B. and A.M., University of Alabama.
- ROBERT J. HART (1951, 1951), *Associate Professor of Physics*. A.B. and A.M., Syracuse University.
- DEXTER S. HAVEN (1949, 1949), *Assistant Biologist in Virginia Fisheries Laboratory*. B.S. and M.S., Rhode Island State College.
- RALPH S. HENDERSON (1954, 1954), *Associate Professor of Physics*. A.B., College of Wooster; A.M., Harvard University.
- DONALD J. HERRMANN (1951, 1951), *Assistant Professor of Education*. B.E., Northern Illinois State Teachers College; A.M. and Ph.D., Michigan State College.
- ABRAHAM HIRSCH (1948, 1948), *Assistant Professor of Economics*. B.B.A., City College of New York; A.M., Columbia University.

- EVA HIRSCH (1952, 1952), *Lecturer in Economics*. A.B., University of Michigan; A.M., Columbia University.
- EDWARD LEWIS HOFFMAN (1947, 1947), *Assistant Professor of Modern Languages*. B.S., Roanoke College; A.M., George Washington University.
- HOWARD K. HOLLAND (1950, 1948), *Associate Professor of Education*. A.B., A.M., and Ph.D., University of Michigan.
- ALTHEA HUNT (1931, 1926), *Associate Professor of Fine Arts*. A.B., Allegheny College; A.M., Radcliffe College.
- JESS HAMILTON JACKSON (1929, 1929), *Professor of English*. A.B. and A.M., University of Alabama; A.M. and Ph.D., Harvard University.
- DUDLEY JENSEN (1951, 1951), *Instructor in Physical Education*. B.S., Springfield College; A.M., Teachers College, Columbia University.
- GRANVILLE LILLARD JONES (1946, 1946), *Lecturer in Psychology*. A.B., Texas Christian University; B.S. and M.D., University of Arkansas Medical School.
- W. MELVILLE JONES (1953, 1928), *Professor of English*. A.B., Allegheny College; A.M., Ohio State University; Ph.D., Harvard University.
- GUILFORD M. JOYNER (1952, 1952), *Lecturer in Physical Education for Men*. A.B. and M.Ed., University of North Carolina.
- ALEXANDER KALLOS (1953, 1949), *Assistant Professor of Modern Languages*. S.C.L., Vienna Commercial Academy; A.M., University of Pennsylvania.
- PAUL R. KAUFMANN, MAJ. ARTY. (1952, 1952), *Assistant Professor of Military Science and Tactics*.
- R. WAYNE KERNODLE (1953, 1945), *Professor of Sociology*. A.B., A.M. and Ph.D., University of North Carolina.
- A. LAWRENCE KOCHER (1944, 1944), *Lecturer in Fine Arts*. A.B., Stanford University; A.M., Pennsylvania State College.
- REINO KORPI (1952, 1947), *Associate Professor of Modern Languages*. A.B., Clark University; A.M., University of Wisconsin.

- J. WILFERD LAMBERT (1949, 1931), *Associate Professor of Psychology*. A.B., College of William and Mary.
- JOSEPH R. LEE (1953, 1953), *Associate Professor of Mathematics*. A.B., A.M. and Ph.D., Yale University.
- EDRIL LOTT (1950, 1950), *Assistant Professor of Secretarial Science*. A.B., Mississippi State College for Women; A. M., Mississippi Southern.
- THOMAS J. LUCK (1954, 1954), *Professor of Business Administration*. B.S., Butler University; M.B.A., Northwestern University; Ph.D., Indiana University.
- ALBERT LUTZ (1953, 1953), *Assistant Professor of Chemistry*. A.B., A.M. and Ph.D., Johns Hopkins University.
- ROBERT H. LYNN (1954, 1954), *Acting Instructor in English*. A.B., Washington and Lee; A.M., University of Virginia.
- JOHN S. MACGREGOR (1953, 1953), *Assistant Professor of Education*. A.B., Central College; M.Ed., College of William and Mary.
- WILLIAM HARLIN MCBURNEY (1952, 1948), *Associate Professor of English*. A.M., Southwestern at Memphis; A.M. and Ph.D., Harvard University.
- BEN CLYDE MCCARY (1930, 1930), *Associate Professor of Modern Languages*. A.B., University of Richmond; Docteur de l'Université de Toulouse.
- DONALD L. MCCONKEY (1954, 1954), *Instructor in Speech*. B.S. in Education, Illinois State Normal University; A.M., Ohio State University.
- CECIL M. MCCULLEY (1952, 1948), *Assistant Professor of English*. A.B. and A.M., Southern Methodist University; Ph.D., Columbia University.
- BRUCE T. MCCULLY (1947, 1940), *Associate Professor of History*. A.B., Rutgers University; A.M. and Ph.D., Columbia University.
- JOHN L. MCHUGH (1951, 1951), *Professor of Marine Biology. Director of the Virginia Fisheries Laboratory*. A.B. and A.M., University of British Columbia; Ph.D., University of California.

- CHARLES FRANKLIN MARSH (1933, 1930), *Chancellor Professor of Economics and Business Administration*. A.B., Lawrence College; A.M. and Ph.D., University of Illinois.
- JAMES MASLOWSKI (1953, 1953), *Assistant Professor of Sociology and Anthropology*. A.B. and A.M., Washington State College; Ph.D., University of North Carolina.
- WILLIAM HENRY MASSMANN (1952, 1948), *Assistant Biologist in the Virginia Fisheries Laboratory*. B.S., University of Connecticut; A.M., College of William and Mary.
- CARL G. MEEKS (1953, 1953), *Assistant Professor of Physical Education*. B.S., East Tennessee State College; A.M., University of Mississippi; Ed.D., Columbia University.
- HERBERT MILLER (1951, 1951), *Lecturer in Physical Education*. A.B., Washington and Lee University.
- JAMES WILKINSON MILLER (1938, 1935), *Chancellor Professor of Philosophy*. A.B., University of Michigan; A.M. and Ph.D., Harvard University.
- THELMA MILLER (1954, 1954), *Instructor in Home Economics*. A.B., Berea College; M.S., University of Tennessee.
- ALBERT MIMS (1954, 1954), *Acting Assistant Professor of Business Administration*. A.B., University of North Carolina.
- ROBERT L. MOONEY (1947, 1947), *Professor of Physics*. B.S., Furman University; M.S., Syracuse University; Ph.D., Brown University.
- JOHN A. MOORE (1950, 1950), *Assistant Professor of Modern Languages*. B.S., Davidson College; A.M., University of North Carolina.
- RICHARD LEE MORTON (1921, 1919), *Professor of History*. A.B., Hampden-Sydney College; A.M., University of Virginia and Harvard University; Ph.D., University of Virginia; Litt.D., Hampden-Sydney College.
- WILLIAM WARNER MOSS, JR. (1937, 1937), *John Marshall Professor of Government and Citizenship*. A.B., University of Richmond; A.M. and Ph.D., Columbia University.

- FRASER NEIMAN¹ (1946, 1938), *Associate Professor of English*. A.B., Amherst College; A.M. and Ph.D., Harvard University.
- RICHARD K. NEWMAN (1950, 1946), *Associate Professor of Fine Arts*. A.B., Dartmouth College; Ph.D., Yale University.
- F. S. NOWLAN (1954, 1954), *Visiting Professor of Mathematics*. A.B., Acadia University, N.S.; A.M., Harvard University; Ph.D., University of Chicago.
- GEORGE J. OLIVER (1945, 1945), *Professor of Education*. A.B., College of William and Mary; A.M. and Ph.D., Columbia University.
- DAVID H. ORR (1951, 1951), *Lecturer in Psychology*. A.B., University of New Hampshire; Ph.D., University of Kentucky.
- PIERRE C. OUSTINOFF (1953, 1953), *Assistant Professor of Modern Languages*. A.B., Bard College; A.M. and Ph.D., Columbia University.
- GUY L. PACE, COL. ARTY. (1953, 1953), *Professor of Military Science and Tactics*. B.S., Colorado A & M.
- STEPHEN P. PALEDES (1954, 1954), *Instructor in Music*. A.B., American University; Julliard School of Music.
- JAMES ERNEST PATE (1930, 1927), *Professor of Political Science*. A.B., Louisiana College; A.M., Wake Forest College; A.M., University of Virginia; Ph.D., Johns Hopkins University.
- HAROLD ROMAINE PHALEN (1946, 1940), *Professor of Mathematics*. B.S., Tufts; M.S. and Ph.D., University of Chicago.
- ARTHUR WARREN PHELPS (1945, 1945), *Professor of Law*. A.B., Washington and Lee University; A.M., Ohio State University; LL.B., University of Cincinnati; LL.M., Columbia University.
- JOHN STEPHEN QUINN (1954, 1949), *Associate Professor of Business Administration*. Bs.Ed., State Teachers College, Salem, Mass; M.C.S., Boston University; M.B.A., Harvard Business School.

¹On leave of absence, 1954-1955.

- MARCEL REBOUSSIN (1951, 1946), *Associate Professor of Modern Languages*. Professorat de français, Ecole Normale Supérieure de St. Cloud; A.M., Columbia University; Agrégé des lettres, Sorbonne, Paris.
- MARION DALE REEDER (1952, 1943), *Associate Professor of Physical Education*. B.S. and M.S., University of Illinois.
- EDWIN RHYNE (1954, 1954), *Instructor in Sociology and Anthropology*. B.S., Clemson College; A.M., University of North Carolina.
- GORDON B. RINGGOLD (1950, 1946), *Assistant Professor of Modern Languages*. A.B., Denison University; A.M., Middlebury College; Ph.D., Georgetown University.
- BEATRICE K. ROME (1953, 1947), *Assistant Professor of Philosophy*. A.B., A.M. and Ph.D., Radcliffe College.
- SYDNEY C. ROME¹ (1950, 1946), *Associate Professor of Philosophy*. B.S., A.M. and Ph.D., Harvard University.
- CARL ROSEBERG (1952, 1947), *Assistant Professor of Fine Arts*. B.F.A. and M.F.A., State University of Iowa.
- GEORGE J. RYAN (1945, 1935), *Professor of Ancient Languages*. A.B. and A.M., Saint Louis University; Ph.D., University of Michigan.
- ANTHONY L. SANCETTA (1953, 1948), *Associate Professor of Economics*. A.B., Western Reserve University; M.S. and Ph.D., Columbia University.
- GEORGE D. SANDS (1951, 1948), *Associate Professor of Chemistry*. B.S., College of William and Mary; M.S., University of Richmond; Ph.D., University of Illinois.
- HOWARD M. SCAMMON (1953, 1948), *Assistant Professor of Fine Arts*. A.B., College of William and Mary; A.M., Northwestern University.
- CHARLES P. SHERMAN (1925, 1925), *Lecturer in Roman, Canon and Civil Law*. A.B., LL.B., and D.C.L., Yale University; LL.D., National University.

¹On leave of absence, first semester, 1954-1955.

ROGER DURAND SHERMAN (1946, 1946), *Assistant Professor of Fine Arts.*

HOWARD M. SMITH, JR. (1953, 1946), *Associate Professor of Physical Education.* B.S., College of William and Mary; A.M., Syracuse University.

ROBERT E. SMITH (1946, 1946), *Associate Professor of Mathematics.* A.B., Allegheny College; A.M., University of North Carolina.

SHIRLEY DONALD SOUTHWORTH (1928, 1927), *Professor of Economics.* A.B., A.M. and Ph.D., Princeton University.

BERNICE M. SPEESE (1952, 1946), *Assistant Professor of Biology.* B.S. and A.M., College of William and Mary; Ph.D., University of Virginia.

ALAN C. STEWART (1952, 1944), *Associate Professor of Music.* A.B., Union College; A.M., Columbia University.

HOWARD STONE (1952, 1948), *Associate Professor of Modern Languages.* A.B., Pomona College; A.M., Claremont Colleges; Ph.D., University of California.

TRAVIS L. SUMMERSGILL¹ (1952, 1948), *Associate Professor of English.* A.B., Bucknell University; A.M. and Ph.D., Harvard University.

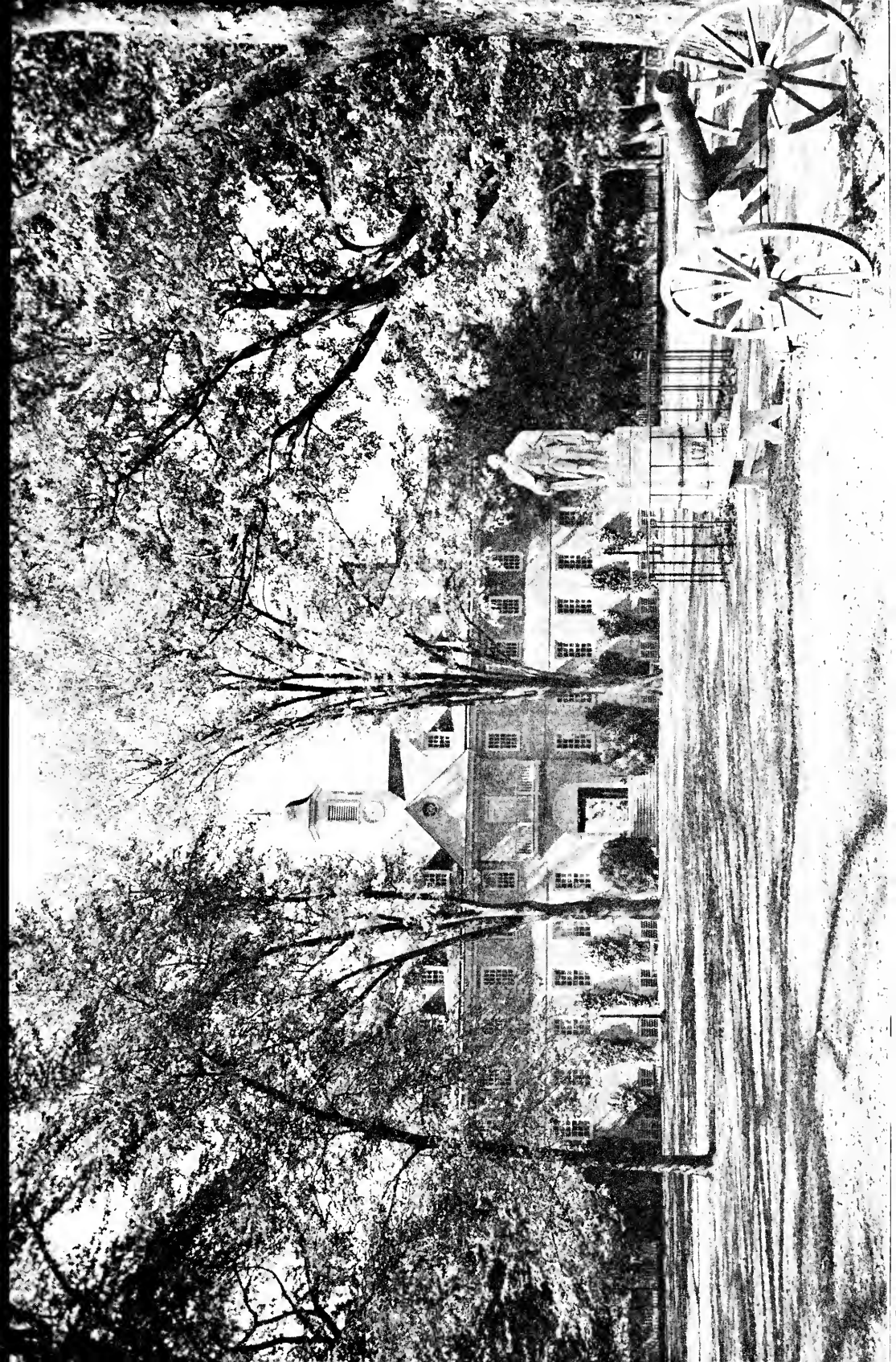
EDWIN SWINEFORD (1954, 1954), *Assistant Professor of Education.* A.B., Fresno State College; A.M., University of California; Ed.D., University of Virginia.

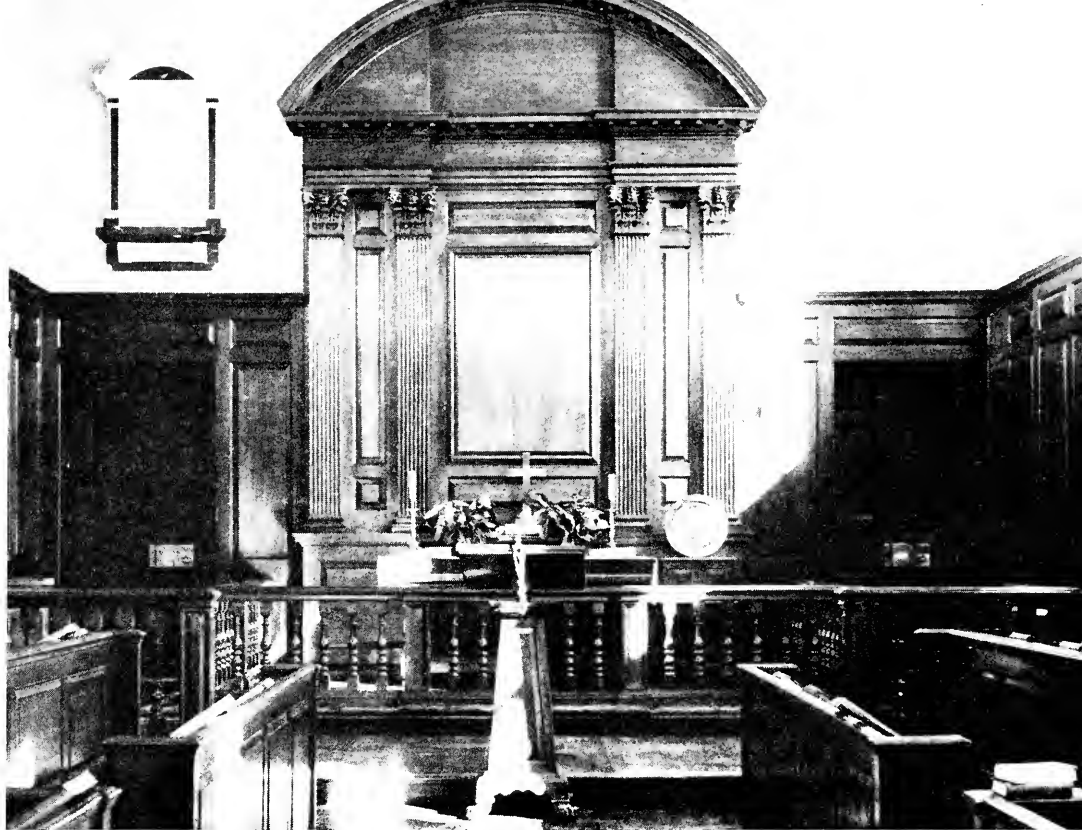
STARENE SWINEFORD (1954, 1954), *Lecturer in Fine Arts.* A.B., Fresno State College.

ALBION GUILFORD TAYLOR (1928, 1927), *Chancellor Professor of Political Economy.* A.B., Des Moines University; A.M., University of Nebraska; Ph.D., University of Illinois.

THOMAS THORNE (1945, 1940), *Associate Professor of Fine Arts.* B.F.A., Yale University; Fellow, International Institute of Arts and Letters.

¹On leave of absence, 1954-1955.





- ERIC TIPTON (1952, 1939), *Lecturer in Physical Education for Men*. A.B., Duke University.
- WILLARD A. VAN ENGEL (1950, 1946), *Associate Biologist in the Virginia Fisheries Laboratory*. B.Ph. and M.Ph., University of Wisconsin.
- CHARLES R. VARNER (1953, 1953), *Assistant Professor of Music*. B.M.E. and M.M., Northwestern University.
- ANTHONY PELZER WAGENER (1929, 1929), *Professor of Ancient Languages*. A.B., College of Charleston; Ph.D., Johns Hopkins University.
- WILLIAM E. WALKER (1953, 1953), *Instructor in English*. A.B., University of South Carolina; A.M., Columbia University.
- G. U. WHITEHEAD (1954, 1954), *Assistant Professor of Physics*. A.B. and A.M., Cambridge University (England).
- ALMA WILKIN (1929, 1928), *Assistant Professor of Home Economics*. B.S., Kansas State Agricultural College; A.M., Teachers College, Columbia University.
- STANLEY WILLIAMS (1948, 1948), *Professor of Psychology*. A.B. and A.M., University of California, Los Angeles; Ph.D., Yale University.
- DANIEL S. WILSON (1954, 1954), *Acting Instructor in English*. A.B., William and Mary; A.M., Columbia University.
- BURTON R. WOLIN¹ (1950, 1950), *Assistant Professor of Psychology*. A.B., University of Akron; A.M. and Ph.D., Indiana University.
- DUDLEY WARNER WOODBRIDGE (1932, 1927), *Chancellor Professor of Law*. A.B. and J.D., University of Illinois.
- DOROTHEA WYATT (1952, 1952), *Professor of History*. A.B., A.M. and Ph.D., Stanford University.

¹Resigned, February 1, 1955.

Supervisors of Teacher-Training

- JESSE RAWLS BYRD (1928), *Superintendent of Williamsburg-James City County Schools*. A.B., College of William and Mary; A.M., Columbia University.
- GEORGE C. PITTS, JR. (1937), *Principal*. B.S. and M.Ed., College of William and Mary.
- JEANNE ETHERIDGE (1931), *Assistant Principal*. A.B., College of William and Mary.
- MAXIE ACREE (1926), *Elementary School*. Mary Washington College.
- LILLIAN M. BAZZLE (1954), *Girls' Physical Education*. B.S., Concord College; M.S., West Virginia University.
- MARJORIE I. BROWNING (1950), *Science*. B.S., College of William and Mary; A.M., University of Virginia.
- EVERETTE C. BUSKIRK (1949), *Band and Choral Music*. B.P.S.M. and B.M., Indiana University.
- GENELLE CALDWELL (1940), *French, Latin*. A.B. and A.M., College of William and Mary.
- JUDITH B. CARTER (1953), *Librarian*. A.B., College of William and Mary.
- MARY WALL CHRISTIAN (1931), *Elementary School*. A.B., College of William and Mary.
- WANDA P. CLYMER (1954), *Elementary School*. A.B., Central State College, Edmond, Oklahoma.
- MARTHA D. COULLING (1938), *Elementary School*. B.S. and A.M., George Peabody College for Teachers.
- MARY S. COULLING (1953), *Elementary School*. B.S. and A.M., George Peabody College for Teachers.
- MARY E. CRANK (1952), *Seventh Grade*. A.B., Randolph-Macon Woman's College.

- FRED W. CULPEPPER, JR. (1951), *Industrial Arts*. B.S., Virginia Polytechnic Institute; A.M., Oswego State Teachers College, New York.
- CARRA DILLARD (1942), *Language Arts, Social Studies, Mathematics*. A.B., Randolph-Macon Woman's College; A.M., College of William and Mary.
- JULIAN B. DUNN (1954), *Elementary School*. B.S., and M.Ed., College of William and Mary.
- J. WILLIAM ETHERIDGE (1947), *Language Arts, Journalism, Dramatics*. A.B., University of Richmond.
- MARGARET G. FINCH (1935), *Elementary School*. B.S., Longwood; M.S., Woman's College, University of North Carolina.
- DOROTHY ANN FINK (1952), *Elementary School*. B.S., North Adams Teachers College.
- RAYMOND FRANCIS FREED, JR. (1950), *Social Studies, Mathematics*. A.B., College of William and Mary.
- ROLAND FRIEDMAN (1953), *Vocational Office Training*. B.S. and M.S., Richmond Professional Institute.
- ROSE MARIE FULLER (1954), *Elementary School*. George Peabody College for Teachers.
- EUNICE HALL (1930), *Language Arts, Social Studies*. A.B., College of William and Mary; A.M., Columbia University.
- ELIZABETH T. HERBERTSON (1954), *Fine Arts*. B.S., Edinboro State Teachers College; A.M., George Peabody College for Teachers.
- EDNA M. HOCKADAY (1953), *Seventh Grade*. A.B. and M.Ed., College of William and Mary.
- MABEL O. HOWES (1951), *Elementary School*. A.B., Glenville State College.
- SPOTSWOOD HUNNICUTT (1947), *Language Arts, Social Studies*. A.B., Longwood College.

ZUBIE INGLE (1948), *Elementary School*. A.B., Meredith College.

JOHN B. MAJOR (1953), *Mathematics*. B.S., Pennsylvania State College; A.M., Columbia University.

MILDRED MATIER (1930), *Language Arts*. A.B. and A.M., College of William and Mary.

VIRGINIA MEPHAM (1944), *Elementary School*. B.S., Madison College.

MARGARET R. MCCREA (1953), *Home Economics, Science*. B.S., Columbia College, Columbia, S. C.

ELIZABETH NUNN (1944), *Elementary School*. B.S., Madison College.

SYLVIA REBOUSSIN (1947), *Elementary School*. A.B. and A.M., Columbia University.

FRANCES MCCRARY ROBINSON (1945), *Elementary School*. A.B., King College.

NORMA JEAN SAUNDERS (1953), *Business Education*. B.S., Longwood College.

BARBARA S. SMITH (1954), *Elementary School*. A.B., College of William and Mary.

IDA SPARKS SMITH (1950), *Music*. B.S., Westhampton College.

HYDE S. TENNIS (1954), *Language Arts, Social Studies*. A.B., Randolph-Macon Woman's College.

EDWARD A. WATTS (1954), *Mathematics*. B.S. and M.Ed., College of William and Mary.

KENNETH T. WEINBEL (1953), *Boys' Physical Education*. B.S., State Teachers College, East Stroudsburg, Pennsylvania.

Library Staff

WILLIAM GREGORY HARKINS (1951, 1951), *Librarian*. A.B., University of Alabama; B.S. in Library Science, University of Illinois; A.M. in Library Science, University of Michigan.

MARGARET SANGSTER GALPHIN (1949, 1931), *Acquisitions Librarian*. A.B., Bessie Tift College; B.S. in Library Science, Columbia University.

HERBERT LAWRENCE GANTER (1950, 1940, 1948), *Archivist*. A.B. and B.C.L., College of William and Mary.

JAMES ALBERT SERVIES (1953, 1953), *Circulation and Reference Librarian*. Ph.B. and A.M., University of Chicago.

ELIZABETH D. BANNER (1954, 1953), *Serials Librarian*. A.B. and B.S. in Library Science, University of North Carolina.

CHESTER STOYLE BAKER, JR. (1949, 1949), *Law Librarian*. A.B. and B.C.L., College of William and Mary.

JOHN FREDERICK DORMAN (1953, 1953), *Assistant Archivist*. A.B., University of Louisville.

ANN S. HAMILL (1954, 1954), *Cataloger*. A.B., Pembroke College; M.S., Columbia University.

ARLENE J. SUEHRSTEDT (1954, 1954), *Cataloger*. A.B., University of Michigan; A.M.L.S., University of Michigan.

Health Service Staff

ROBERT E. DEBORD, M.D. *College Physician*

SUE M. HARTSFIELD, R.N. *Head Nurse*

MRS. CHARLES CHANDLER, R.N. *Nurse*

MRS. BETTYE BRACEY, R.N. *Nurse*

MRS. MARY B. TALIAFERRO, R.N. *Nurse*

Committees of the Faculty

Academic Status: LAMBERT (Chairman), BARE, CURTIS, FARRAR, MARSH, WYATT.

Admissions: LAMBERT (Chairman), CALKINS, CUNNINGHAM, FARRAR, FOWLER, HOLLAND, MOONEY, MOORE, ROSEBERG, WYATT.

Athletics (Men): KERNODLE (Chairman), FARRAR, GUY, JONES, OLIVER.

Athletics (Women): WYATT (Chairman), BARKSDALE, HAMILTON, REEDER.

Counseling: WILLIAMS (Chairman), BROOKS, HERRMANN, LAMBERT, STURGELL.

**Curriculum:* WILLIAMS (Chairman), BANNER, DAVIS, FOWLER, HART, NEWMAN, SANDS.

†*Degrees:* MARSH (Chairman), BALDWIN, FOERSTER, HOLLAND, LAMBERT (Secretary), J. MILLER, R. SMITH.

Discipline: LAMBERT (Chairman), FARRAR, JESTER, QUINN, WOODBRIDGE, WYATT.

Faculty Advisory Council: HUNT (Chairman), BANNER, HOLLAND, KERNODLE, McCULLY, MARSH, MILLER, MOONEY.¹

Foreign Students and Foreign Study: MOSS (Chairman), J. ARMSTRONG, BANNER, BARKSDALE, GUY, REBOUSSIN.

Graduate Studies: MARSH (Chairman), HOLLAND, KERNODLE, MILLER, MOONEY, OLIVER (Secretary).²

**Honorary Degrees:* SOUTHWORTH (Chairman), JACKSON, PHALEN.

*Elected by the Faculty.

†Elected by Faculty except the Chairman who is appointed by the President.

¹Messrs. Wagener and Moss served December, 1953, to December, 1954.

²Mr. Wagener served December, 1953, to December, 1954.

Lectures, Arts and Music: THORNE (Chairman), HAIGH (Vice-Chairman), HAAK, HUNT, MCBURNEY, MORTON.

Library: McCULLY (Chairman), A. ARMSTRONG, CLEETON, FOERSTER, HARKINS, NEWMAN, SANCETTA, STONE.

National Commission on Accreditation: McCARY (Chairman), FOERSTER, SANDS.

**Nominating Committee:* BALDWIN (Chairman), ANDERSON, McCULLEY, HARKINS, TAYLOR.

Orientation: LAMBERT (Chairman), BROOKS, CUNNINGHAM, FARRAR, JESTER, MEEKS, STURGELL, VARNER, WYATT.

Placement: WOODBRIDGE (Chairman), BRIGHT (Secretary), COREY.

Pre-Engineering and M. I. T. Students: MOONEY (Chairman), FARRAR, GUY, LAMBERT, PHALEN.

Pre-Medical Students: BALDWIN (Chairman), GUY, LAMBERT.

Prizes and Special Awards: MARSH (General Chairman); Bote-tourt Medal: FARRAR, FOWLER, GUY, LAMBERT, WYATT; Carr Cup: FARRAR, H. SMITH (Also two additional members, one each to be named by the Senior and Junior Classes); Sullivan Awards: FARRAR, FOWLER, GUY, JESTER, LAMBERT, WYATT.

Publications Advisory: CLARK (Chairman), WILSON.

Representatives to General Cooperative Committee: ANDERSON, FARRAR, JESTER, KERNODLE, LAMBERT, MCBURNEY, OLIVER, WYATT.

Research Funds: MARSH (Chairman), HOLLAND, KERNODLE, MILLER, MOONEY.¹

Scholarships and Student Employment: BROOKS (Chairman), BRIGHT (Secretary), COREY, GIBBS, KORPI, MIMS.

*Elected by the Faculty.

¹Mr. Wagener served December, 1953 to December, 1954.

Special Events: WAGENER (Chairman), BALDWIN, KALLOS, McBURNEY, McCULLEY.

Students' Activities Fee: LAMBERT (Chairman), ANDERSON, GIBBS, McCULLEY.

Students' Recreation: H. SMITH (Chairman), BARRAND, LEE, STURGELL, VARNER, WILKIN.

Students' Religious Activities: HAIGH (Chairman), CLARK, DAVIDSON, FEHR, HAMILTON, JENSEN, MARSH, PHELPS.

NOTE: The President of the College is ex-officio member of all committees.

COLLEGE CAMPUS AND BUILDINGS

THE COLLEGE CAMPUS of approximately 1,200 acres of land is located in the triangle between Richmond and Jamestown Roads. Extending to the west is an extensive stretch of beautifully wooded land known as the College Woods.

In the front part of the triangle facing the Duke of Gloucester Street is the ancient campus with the three original buildings: The *Sir Christopher Wren Building*, the foundation for which was laid in 1695, is the oldest academic structure in the United States. The building was completely restored in 1928 through the generosity of John D. Rockefeller, Jr., and the central portion contains classrooms that are still in regular use. The chapel, or south wing, was built in 1732. On its walls are tablets in memory of former presidents and alumni. Southeast of the Wren Building and facing the President's house is the *Brafferton*, built in 1723 to house an Indian school. Now restored, the building contains the Alumni office and rooms for guests of the College. Northeast of the Wren Building and completing the triangle is the *President's House*. Since its erection in 1732 it has been the residence of the successive presidents of the College.

At the rear of the Wren Building and extending to the College Woods is the new campus. Through the center of this campus runs a spacious sunken garden, lined on two sides with a heavy growth of boxwood. On the north side of the garden is the *Library*, *William Barton Rogers Science Hall* (1927), and *Marshall-Wythe Hall* (1935), which contains the administrative offices and the departments of Economics, Business Administration, Government, History, and The Marshall-Wythe School of Law. On the south side, *Washington Hall*, built in 1928, houses the departments of Biology, Education, English, Mathematics, Modern and Ancient Languages, Philosophy, and Home Economics.

On the north section of the campus and facing Richmond Road is the *George Preston Blow Gymnasium* (1924, enlarged 1941), and the men's dormitories, *Monroe Hall* and *Old Dominion Hall*, accommodating 160 and 190 men respectively. Slightly farther to the west is *Bryan Hall* (1953), a men's dormitory,

housing 216 men, and *Cary Field Park*, the college stadium, which has a seating capacity of 15,000.

On the south section facing Jamestown Road are the dormitories for women: *Jefferson Hall* (1920) accommodating 115 women, *Kate Waller Barrett Hall* (1927) which houses 164, and *Chandler Hall* (1931), accommodating 138 women.

In the section of the campus extending on the south side of Jamestown Road is situated *Tyler Hall* (1916, reconstructed 1951), a dormitory for men; the *David J. King Infirmary*; *Trinkle Hall*, containing the dining hall, cafeterias, and soda shop; the *College Laundry* and *Power Plant*; the *Fine Arts Building*, and *Taliaferro Hall* (1935), a dormitory for men.

One block north of the main campus is *Brown Hall*, a dormitory for women. Across Richmond Road and north of the main campus are nine college-owned residences occupied by the nine sororities. On the edge of the College Woods on the west campus are eleven lodges which are rented to the several social fraternities. On the extreme west campus bordering Jamestown Road are the women's playing fields and college tennis courts.

The Library

THE MAIN LIBRARY, as of July 1, 1954, contained 237,594 catalogued volumes.¹ The books are classified according to the Dewey Decimal System with variations in special classes. Additional resources of the library include 137,294 government documents, 54,084 books and pamphlets in special collections; and 2,429 volumes administered for the State Board of Education. The number of different periodicals regularly received is 1,351 and of different newspapers is 30.

With the exception of the rare book collection, the volumes in the library are on open shelves and easily accessible to all students and members of the faculty. Students are privileged to go freely into the stack rooms to select the books they need or to browse at leisure.

¹The library holdings of the College also include more than 519,000 manuscripts, prints, maps, music and uncatalogued books. The total library holdings number approximately 951,241.

The library is open Monday through Friday: 8 a.m. to 5:30 p.m., 6:30 to 10 p.m.; Saturday: 8 a.m. to 5 p.m.; Sunday: 2 to 5 p.m., 7 to 10 p.m. A student may borrow as many books at one time as he wishes. The privilege of borrowing books is granted to residents of Williamsburg and the adjoining counties; to military personnel stationed on the Peninsula; to members of the staff of Colonial National Historical Park at Jamestown and Yorktown, and to the staff of Colonial Williamsburg, Inc. When out-of-print material cannot be supplied from the library collection, interlibrary loans are requested for graduate students and faculty members. In order to facilitate its use by new students, a lecture on the library is given to sections of each freshman class.

The Law Library in Bryan Hall basement numbers approximately 22,000 volumes, and during the regular session is open, with slight variations, the same hours as the main library. The reserve book collection, on the second floor, is open during the regular library hours; it contains about 6,000 volumes, which are changed each semester as the courses require. There are two departmental collections in special rooms which are open at special hours: the Education Library in Washington Hall, and the Chemistry Library in Rogers Hall.

Association books owned and used by distinguished Virginians now number more than 1,250 volumes. In this group, the volumes belonging to each of certain families have been kept together to exemplify the culture of the early planter families. The following family groups are noteworthy: Landon Carter, Francis Jerdone, St. George Tucker, William and Peyton Short, John Tayloe. More than 500 books owned and used by William and Mary students before 1888 have been assembled; these illustrate the curricula of two centuries.

The collection of manuscripts, the greater part of which have been arranged and catalogued by means of a grant from the General Education Board, touches Virginia life of three centuries. Worthy of special mention are representative letters of such distinguished Virginians as George Washington, John Marshall, Thomas Jefferson, James Monroe, James Madison, George Mason, William B. Taliaferro, and Joseph E. Johnston. As part of the collection, there are 2,000 ledgers, journals, letter books, diaries,

account books and note books. Of prime importance is the collection of letters, documents, and accounts of officials, professors, and students of the College of William and Mary, to which notable additions are being made periodically.

The library is fortunate in receiving each year many gifts of books from friends, alumni, members of the faculty, and students. These are always welcomed. The library houses two gifts established by the Friends of the College: the Memorial Book Shelf of currently published volumes to commemorate students and members of the faculty who lost their lives in World War II and a lending library of musical recordings.

STUDENT LIFE

THE NATURAL FRIENDLINESS which exists at William and Mary is the distinctive characteristic of the daily life of the campus. The College seeks to foster intellectual interests, cultural appreciation, and a democratic spirit among its students. Chiefly a resident college, students and faculty comprise a closely knit community in which extra-curricular and social activities play a considerable role in the cultural and intellectual development of the individual. The informal relationship between teacher and student serves to encourage the process of living and learning together. The College believes that one of its major purposes should be to inculcate by means of the several phases of college life the ideals of self-responsibility and good campus citizenship.

The new student at William and Mary is introduced to this life and atmosphere during the seven-day orientation period which takes place immediately before the beginning of classes in September. During this period, the honor system, one of William and Mary's contributions to American education, is explained; the apparent intricacies of the library and its use made clear; and historic Williamsburg, the restored Colonial city, explored through the cooperative hospitality of the Williamsburg Restoration. Thus the new student becomes an integral part of a great institution of learning, making new friends among members of his own and other classes, the faculty, and administrative officers.

Naturally and imperceptibly the student becomes a part of the democratic life of William and Mary, which encourages the exchange of friendly greetings with other students, members of the faculty, and visitors to the College. This spirit permeates the classroom as well; for the new student finds his instructors and the administrative staff ready and willing to assist him through their experience and human understanding.

Dormitory life is important at William and Mary, since the majority of students live in the nine dormitories, four of which are for women and five for men. The eleven fraternities maintain lodges and the nine sororities houses for their members. While these organizations make prominent contributions to

the life of the College, there is little difference between the social life of the fraternity members and that of the non-fraternity members of the student body. At William and Mary, dormitory life is particularly attractive. The use of leisure is provided for by recreation rooms, study rooms, and lounges which contain easy chairs, books, magazines, newspapers, radios, pianos, card tables, and games. With an enrollment from most of the states of the Union, the college offers its students an opportunity to widen their horizons further through the exchange of views and customs.

Informal college dances take place occasionally on Saturday nights throughout the session, and formal dances are held at intervals. In addition, dances and other social functions are held by fraternities, sororities, and other organizations.

Student Government

The Constitution of the Student Body of the College of William and Mary provides for a Senate and Assembly whose powers extend to all student activities common to both men and women. A separate organization, the Women Students' Co-operative Government Association, deals with the student activities which concern the women solely. These two organizations cooperate with the College in administering the regulations which govern student life.

A General Cooperative Committee, consisting of students, members of the faculty and administrative officers, serves as a clearing house for matters of general concern to the entire College.

Phi Beta Kappa Society

Alpha of Virginia: The Phi Beta Kappa Society, the first Greek letter fraternity in the United States, was founded by a small group of students at the College of William and Mary on December, 5, 1776. During the succeeding four years, the number of members increased to a total of fifty, including Captain John Marshall who subsequently became Chief Justice of the United States and Elisha Parmele, a graduate of Harvard University.

The faith of these youthful scholars in the permanence and future greatness of their society was shown by their preparation of charters for branches in other colleges. Two such charters were entrusted to Elisha Parmele who brought about the establishment of a chapter at Yale in 1780 and at Harvard in 1781.

The original society at the College became inactive in 1781 with the closing of the College because of the approach of the army of Cornwallis. It was revived in 1851 with the blessings of an aged founder, William Short, and continued until early in the War Between the States. Once again the Alpha of Virginia Chapter was revived in 1893 and has continued since that time as an active and significant element in the educational program of the College.

At present there are approximately 160 chapters of Phi Beta Kappa located at the leading educational institutions of the United States with a living membership in excess of 120,000. Living members of the local chapter, not including the numerous members of the faculty elected to Phi Beta Kappa elsewhere, who are active as affiliated members, number more than 850 persons. Largely on the basis of their scholarship, members of the Senior class not in excess of 10 per cent of the total number in the class are elected each year to membership in course. From the Alumni of the College who have been out of college at least ten years and who have attained distinction in their professions, Alumni members are elected. More infrequently, honorary members and faculty members who are not graduates of the College are elected to membership.

Honor Societies and Special Interest Groups

Omicron Delta Kappa is an honorary society whose membership is elected annually from the junior and senior men on the basis of eminence in the fields of scholarship; athletics; social and religious activities; publications; forensic, dramatic, musical, and other cultural activities.

Mortar Board is a woman's honorary society whose members are elected in their junior year on the three-fold basis of service, scholarship, and leadership. It endeavors to serve the College each year by fostering scholarship, by rendering its services

wherever requested, and by encouraging a wholesome college atmosphere.

There are eight honorary societies devoted to furthering interest in special fields of learning. Members of these groups are elected on the basis of scholastic proficiency in the departments concerned. In addition, many students find opportunities for friendly and stimulating associations in the various special interest groups and departmental clubs devoted to such fields of endeavor as literature, philosophy, drama, debating, and the several fields of science. Among the enterprises sponsored by these groups are the annual "Open House" demonstrations of the Departments of Biology, Chemistry, Physics, and Psychology.

Fraternities

Since the first Greek letter fraternity was founded at William and Mary in 1776, the College has had an unparalleled heritage as a background for its fraternity life. The passage of time, with its accompanying changes in customs, and the opening of the College to women students, has changed and expanded the fraternity sphere of influence. Today the fraternity provides not only a source of good fellowship, but also fills many other needs in the college community.

The fraternities at William and Mary have implied standards of social deportment which are instilled into each fraternity man, and which help to prepare him for his post-college relations with others in his community. Fraternity intramural athletics allow a much wider participation in competitive sports than can be permitted by varsity competition. A definite criterion of scholarship is established which all men must meet before they are allowed to join any fraternity.

The fraternities are under the control of an Interfraternity Council. There are chapters of eleven social fraternities on the campus: Theta Delta Chi, Sigma Alpha Epsilon, Pi Kappa Alpha, Kappa Alpha, Kappa Sigma, Phi Kappa Tau, Lambda Chi Alpha, Phi Alpha, Pi Lambda Phi, Sigma Pi, and Sigma Nu.

Each fraternity maintains a lodge in which its fraternal and social affairs are carried on. The fraternity lodges are also one of the common meeting places of the men and women students.

Sororities

There are nine chapters of national sororities at the College. In 1921 Chi Omega was founded followed by Kappa Alpha Theta, Kappa Kappa Gamma, Pi Beta Phi, Alpha Chi Omega, Phi Mu, Kappa Delta, Delta Delta Delta, and Gamma Phi Beta. The affairs of the sororities are administered and regulated by a chapter of the National Pan Hellenic Council.

Each sorority carries out its respective national principles in the general realms of social congeniality, moral and mental standards, development of leadership, cooperation, and service, and in stimulating interest in vocations as an outlet for creative abilities. Each sorority has local as well as national philanthropies to which it contributes.

The sorority houses, owned by the College, accommodates between 15 and 20 women, usually juniors and seniors, under the college status of a "small dormitory."

Publications

The *Flat Hat* is a weekly paper published and edited by the students. It is a chronicle of student life and daily affairs of the College.

The Royalist, published at least twice a year by a body of student editors, is the college literary publication. It contains short stories, essays, poems, and reviews. Contributions are welcome from all members of the student body.

The *Colonial Echo* is published annually by the staff comprised entirely of students. This well illustrated volume is a treasury of current campus life.

The financial administration of all student publications is supervised by the Student Activities Fee Committee which is composed of faculty and student members. The selection of the major editorial and managerial positions of the publications is under the jurisdiction of the Publications Committee.

The William and Mary Theatre

Now in its twenty-ninth year the William and Mary Theatre is a significant contribution to students as members of the audience

or as the participants. The staff is composed of four professionally trained members of the faculty of Fine Arts and of Speech. Participation in all forms of dramatic work is provided to students through courses in the Department of Fine Arts, (Theatre and Speech) and through extra-curricular activity. Tryouts for parts in plays are open to all students, and casting is based on a competitive process with the intent to assemble the best qualified people for public performances. The production crews are basically composed of members of the classes in stagecraft, lighting, and design and costume, but emphasis is also placed on the opportunity for all students to volunteer to serve on committees of building, painting, serving, making of properties, publicity, ushering, and box office management. Every production is a learning process for every one participating.

Annually (including the summer session) five full length plays are presented in public performances. The choice of plays is carefully planned to provide a variety of entertainment, dramatic experience, and cultural value. Among the plays recently produced are: *The Sea Gull*, *The Miser*, *Ten Little Indians*, *The Beautiful People*, *Dr. Faustus*, *You Never Can Tell*, *Hamlet*, *The Circle*, and *The Winslow Boy*.

Production methods and styles vary from the proscenium and picture frame stage to open staging and theatre-in-the-round.

A chapter of a national honorary fraternity is made up of members elected from students who become eligible through successful work in the college theatre.

Debate and Forensic Activities

The Intercollegiate Debate Council is an organization fostering all phases of forensic activity on the campus. Under the guidance of the faculty adviser, an extensive program of training and participation is carried out each year. The council sponsors monthly discussion forum meetings which give to all members of the student body the opportunity to express views on local and national issues. Debate teams travel to tournaments at the University of Virginia, New York University, Georgetown University, Mary Washington College, and several other colleges.

Each year the College of William and Mary sponsors the Marshall-Wythe Debate Tournament at which the College is host to approximately twenty colleges and universities. Debate teams have participated in radio and television programs on the Richmond and Norfolk stations. Any student interested in debate, discussion, extempore speaking, oratory, oral reading, or any other forensic activity is invited to join the group. Experience is unnecessary.

The council is affiliated with Tau Kappa Alpha, national honorary forensics fraternity. Each year a number of outstanding members of the council are elected to membership in the fraternity.

Lectures, Concerts, and Exhibitions

It is the aim of the College of William and Mary to provide its students with the opportunity of enjoying as wide a range as possible of cultural experiences. To implement this aim, a program of lectures, concerts, and exhibitions is arranged each year under the auspices of the Committee on Lectures, Art and Music. Lecturers most frequently come to the College through the co-operative planning of the Richmond Area University Center.

The Concert Series includes nationally known artists from outside the community. But in addition there are individual and group performances under the direction of the faculty of the Department of Music.

A series of exhibits of architectural design, painting, sculpture, theatre and industrial arts is shown each year in the Phi Beta Kappa Memorial Hall. Annually the final exhibition is devoted to the work of students in the drawing, painting, sculpture, architecture, and theatre classes.

Musical Activities

The College offers abundant opportunity for hearing good music and participating in musical activities. The Music Department sponsors and trains organizations which are active on the campus, and which perform occasionally in the cities of Virginia and neighboring states. The College Choir and the William and Mary Chorus sing at the weekly chapel services of the College, and present public concerts in Williamsburg three or four

times a year. The William and Mary Band, in addition to its activities during the football season, usually presents a concert of symphonic music in the spring. Other groups such as orchestra, men's glee club, or wind ensemble, are organized in response to the interests of the students.

Vocal and instrumental students participate in student recitals at several times during the year, and advanced students are given the opportunity of presenting complete recitals. Members of the music faculty give annual public recitals.

Religious Life

The College of William and Mary, though a Church of England foundation, has been since 1779 entirely non-sectarian. It avails itself fully of the cordial spirit of pastoral oversight which marks the various churches in the small and friendly city of Williamsburg. Many of the students participate in young people's societies, among which are Balfour-Hillel, the Baptist Student Union, the Canterbury Club, the Newman Club, the Wesley Foundation, and the Westminster Fellowship. Representatives of these societies, together with members-at-large from the student body, form the Student Religious Union, which assists in the college chapel services, and sponsors a Religious Emphasis Week once a year.

The College maintains a weekly vesper service in the beautifully restored chapel of the Wren Building. Members of the administration and of the faculty and some outside speakers make brief addresses. The College Choir assists, and a student leader presides at each service. Attendance is voluntary.

Men's Athletics

In the George Preston Blow Gymnasium, the men's gymnasium, are two basketball courts, a swimming pool, three handball courts, a volley ball court, showers, lockers, athletic administrative offices, a trophy room, and a social room. Cary Field provides for the following facilities: tennis courts, baseball field, stadium for football, track, and field athletics (seating capacity 15,000), practice fields for varsity and freshman football, and space for softball and intramural games.

The intramural sports program which is under the direct auspices of the Men's Department of Physical Education is designed to meet the needs and the desires of all students as far as it is financially and educationally possible. The program evolves from the expressed desires of the students. The intramural director and other staff members of the Physical Education Department act primarily in organizational and advisory capacities.

Provision is made for participation in the following individual and team activities: badminton, basketball, bowling, free throws, golf, handball, horseshoes, softball, swimming, tennis, touch football, track and field, volleyball, and wrestling. League schedules and individual tournaments are arranged for dormitory, fraternity, and independent competition.

The general supervision of intercollegiate athletics for men has been delegated by the President to a faculty committee. The College is a member of the Southern Conference.

A competent staff of coaches, who are appointed for the full academic year, provide instruction in the following intercollegiate sports: baseball, basketball, cross country, football, golf, swimming, tennis, and track and field athletics.

Women's Athletics

Sports are conducted by a joint committee of faculty and students. The program of physical education activities for women provides opportunity for intramural competition, interest groups, and limited participation in games with other colleges. Awards for accomplishment are the intramural emblem, varsity monogram, and individual honor awards.

Provision is made for intramural participation in the following activities: archery, badminton, basketball, bowling, fencing, hockey, lacrosse, ping pong, softball, swimming, tennis and volley ball. Schedules are arranged for dormitory, sorority, and individual competition in groups or teams according to the ability of the participant. Tryouts are held throughout the year for membership in the Synchronized Swimming Club and Orchesis, the dance club.

The women's athletic fields provide ample space for outdoor activities including archery, hockey, lacrosse, softball and tennis. The gymnasium and swimming pool are located in Jefferson Hall.

RESERVE OFFICERS' TRAINING CORPS

A UNIT of the Artillery Reserve Officers' Training Corps was established at the College of William and Mary on July 1, 1947, for the purpose of training students for positions of leadership in the Armed Forces in time of national emergency.

Beginning with the 1954-55 session the College discontinued the Artillery branch course and offered instead a course in General Military Science. The GMS course is designed to give the student a college level course in general military subjects, train him in basic infantry weapons and procedure, teach him the fundamentals of leadership and provide him an opportunity to perfect his leadership technique by practical application.

Students who complete the four year course will, upon graduation from the College, be given a certificate of capacity, and may be commissioned as Second Lieutenants, United States Army Reserve. The branch of service in which commissions will be offered to individual students will depend upon the needs of the Army and the recommendations of a selection board composed of civilian and military faculty members. Careful consideration will be given to student preference and his academic background. In addition, each year, a few outstanding honor graduates will be offered commissions in the Regular Army.

Any male student who is a citizen of the United States and is physically qualified may, when he matriculates in the College, enroll in the first year basic course. Those who have had prior military training, either in the armed forces or in another College may, if qualified, enroll in the second year basic course when starting their second academic year.

To enroll in the advance course (the last two years) a student must have completed the two year basic course, or its equivalent, and have a satisfactory academic standing. In addition, he must possess such traits of character and demonstrated leadership ability that will justify his further training as a candidate for a commission. Each year outstanding members of the advance course will be designated Distinguished Military Students, and upon completion of the course certain of these will be designated Distinguished Military Graduates. The Department of Army

selects from the list of Distinguished Military Graduates submitted by all R.O.T.C. Units in colleges throughout the country the most outstanding, who will be offered commissions in the regular Army upon graduation.

All students who enroll in the R.O.T.C. are furnished, without cost to them, officer-type uniforms which are worn at all military classes. In addition, students who are enrolled in the advance course receive a commutation of rations amounting to approximately \$250.00 per year for each of the two years of the course. Advance course students are required to attend a six week summer camp, generally between their third and fourth year in College, and are paid during that period at the rate of pay of a private in the Army. They also receive travel pay to and from camp and while there are rationed and quartered at government expense.

The Professor of Military Science and Tactics may, within quotas established by the Department of Army and at such times as the quotas are allocated, grant deferments to any student enrolled or selected for enrollment in the Second Year Basic Course, who has demonstrated by his academic grades and conduct that he has the required potential qualifications for a commission. This deferment, when granted, will defer the student from induction for training and service under the Universal Military Training and Service Act, as amended, until he has completed his college education. A student who is selected and signs a deferment agreement, agrees to maintain his grades in college, to enroll in and complete the advance course, if selected therefor, to accept a commission upon graduation from college, if tendered, to serve on active duty for a period of not less than two years, and to remain a member of a regular or reserve component of the Army until the eighth anniversary of the date of his commission. Deferments may be canceled for cause, and the deferments of students who are not accepted for the advance course will be canceled at the end of the second year of the basic course.

SUPERVISION OF STUDENTS AND COLLEGE REGULATIONS

SUPERVISION OF STUDENTS

THE DEANS ENDEAVOR to follow carefully the progress and behavior of every student in College and by personal oversight and advice to insure proper conduct and attention to duties. The social activities of the women students, both within and without the College, are under the direction of the Dean of Women.

Reports showing the standing of students in their classes are sent to parents or guardians at the middle and the end of each semester. Students who in any semester make thirty-three quality points with at least 3 hours of A and at least 9 hours of B and with no grade below C, in academic subjects, and who do not receive a grade of F in required physical education and who make a quality point average of at least 2.0, are placed on the Dean's List for the following semester and are entitled to special privileges.

For guidance at registration each student is assigned to a member of the faculty as an adviser.

STUDENT'S PROGRAM

All students, other than graduate and part-time students, are required to carry the normal program of at least fifteen and no more than seventeen semester hours (counting courses in Physical Education), with the following regular exceptions:

(1) Any student may, with the consent of his adviser, carry eighteen semester hours (counting courses in required Physical Education).

(2) Seniors who can complete the degree requirements by carrying less than the normal program are permitted to carry as few as twelve semester hours.

(3) Veterans who have received credit for military service and who are not required to take Physical Education may be per-

mitted to carry as few as fourteen semester hours in each semester of the freshman year.

Further deviations from the normal program, when warranted by special circumstances, will be permitted by the Council of Deans after the registration period; students desiring this permission should apply in writing to the Dean of Men or the Dean of Women. Only to exceptionally able students, however, will the Council of Deans grant permission to carry more than eighteen semester hours.

CLASSIFICATION OF STUDENTS

A Sophomore student must have completed at least twenty-four (24) credits in academic subjects, with at least twenty-four (24) quality points. A Junior student must have completed at least fifty-four (54) credits in academic subjects, with at least fifty-four (54) quality points. A Senior student expecting to graduate in June must have completed eighty-five (85) credits in academic subjects, with at least eighty-five (85) quality points. The social standing of every student is identical with the academic.

CHANGES IN REGISTRATION

In order to add a course to or drop a course from the program of courses for which they originally registered, men students must make application for such a change to the Dean of Men, and women students, to the Dean of Women. If the application is granted, the dean will then notify the Registrar of the change. The Registrar, in turn, records the change on the student's registration card and informs the instructor or instructors concerned. Unless a course-change has been made in that manner it has no official standing and will not be recognized as valid by the College. After the first two weeks of classes in a semester, the only course-changes which are permitted by the deans are those initiated by the faculty or by the administration.

WITHDRAWAL FROM COLLEGE

Students who desire to withdraw from college should apply to the Dean of Men or the Dean of Women for permission to withdraw. The permanent record card of any student who with-

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draws from college without permission from the proper dean will carry the notation "Withdrew unofficially."

It is the policy of the College to allow appropriate credit to students who are required by the Selective Service System or other military organization to withdraw from college during the course of a semester to enter military service. The regulations defining this policy are available on request.

CONTINUANCE IN COLLEGE

A freshman must accomplish for the session at least 14 semester credits in academic subjects and earn at least 10 quality points. During the first semester he must pass at least three semester hours of academic work. An upper classman or an unclassified student must accomplish for the session at least 18 semester credits in academic subjects with at least 18 quality points. A student who has completed 4 semesters may not continue in college unless he has accumulated at least 36 semester credits in academic subjects and 36 quality points. A student who has not met the requirement pertinent to his status may not register either in the summer session or in the regular session, except by the advice and consent of the Committee on Academic Status. Finally, when a student is not profiting by his stay at college, or whenever his influence is detrimental to the best interest of the College, such a student may be required to withdraw.

A student who has failed to complete the requirements for the degree of Bachelor of Arts or Bachelor of Science within five years of residence in college will be automatically debarred from further attendance at the College; provided, however, that when a student has been permitted to reduce his schedule below that normally required, the total period of residence permitted for the completion of the degree requirements shall be extended in proportion to the reduction permitted. In the application of this regulation, each nine weeks' summer session will be counted as three-fifths of a semester.

ABSENCE FROM CLASSES AND FROM COLLEGE

An educational system centered upon classroom instruction justifies a set of regulations and procedures to aid in assuring satisfactory class attendance. These attendance regulations are

designed by the faculty to limit the number of unnecessary class absences since irregular class attendance jeopardizes the student's progress and detracts both from instruction and from learning. These regulations provide that a large measure of individual responsibility be given to students on the Deans' Lists and to those in more advanced courses.

Registration

Students are expected to keep their registration appointments. Unless excused by the Dean of Men or the Dean of Women, students who fail to present themselves at the appointed time for registration will be placed on *absence probation*.

Class Attendance

1. Students are expected to be present at all their regularly scheduled classroom appointments.

2. All absences in 100 and 200 courses are reported weekly by the instructor to the Dean of Men or the Dean of Women. A warning shall be issued by the dean to any student for whom a total of one unexcused absence per credit hour of a course has been reported, and if a subsequent unexcused absence is reported in that course, the student will be placed on *absence probation*. Any additional unexcused absence in that course will make the student subject to suspension from the College by action of the Committee on Academic Status. The authority for excusing absences from 100 and 200 courses is the Dean of Men or the Dean of Women, and they will notify the instructor of all absences so excused.

3. Students whose attendance, in the opinion of the instructor, becomes unsatisfactory in 300, 400, and 500 courses and in courses in The Law School, shall be reported to the Dean of Men or the Dean of Women. When such a report has been received, a warning shall be issued by the dean, and if a subsequent unexcused absence be reported in that course, the student will be placed on *absence probation*. Any additional unexcused absence in that course will make the student subject to suspension from the College by action of the Committee on Academic Status. The

authority for excusing absences from 300, 400, and 500 courses and from courses in The Law School is the instructor in the course.

4. Students, unless on the Deans' Lists, or unless excused by the Dean of Men or the Dean of Women, who fail to keep their last scheduled classroom appointment in each of their courses preceding and their first scheduled classroom appointment in each of their courses following the Thanksgiving, Christmas, and Spring holiday periods will be placed on *absence probation*.

5. After the completion of one semester of regular college work beyond the one in which the absence probation was incurred, absence probation will be removed.

A student placed on absence probation under any of the above provisions (whether for absence from a registration appointment, for absence immediately before or after a holiday, or for absence from classes at other times) who, before that absence probation is removed, incurs a second absence probation, shall be subject to suspension from the College by action of the Committee on Academic Status, and if suspended, may not apply for readmission until a full semester has elapsed, but a student readmitted after such suspension shall not be considered as being on absence probation.

6. Attendance regulations, with the exception of registration appointments, do not apply to students on the Deans' Lists, or to those students who are enrolled in a course for which they will not claim college credit.

EXAMINATIONS

The examinations, given at the end of each semester, take place at the times announced on the examination schedule, which is arranged by the Dean of the Faculty and posted at least two weeks before the beginning of the examination period. Students are required to take all of their examinations at the times scheduled, unless excused on account of illness or other sufficient reason by the Dean of Men or the Dean of Women. Students should present their reasons for an expected absence to the proper dean in advance of the examination. No excuse on the ground of illness will be accepted unless it is approved by the college physician.

Deferred examinations are provided for students who have been excused by the Dean of Men or the Dean of Women from taking their examinations at the regular time. The deferred examinations for courses in the first semester are given in the fourth week of the second semester; the deferred examinations for courses in the second semester are given during the orientation period in September. Except under very exceptional circumstances students are not permitted to postpone the taking of a deferred examination beyond the first occasion thus regularly provided; and in no case will permission to take a deferred examination be extended beyond a year from the time of the original examination from which the student was absent. The schedule of the deferred examinations, arranged by the Dean of the Faculty, will be posted several days in advance of the time at which they are given, and a copy of it will be mailed to each student who is entitled to take a deferred examination.

RESIDENCE

All undergraduate students except those coming daily from their homes, are required to live in the college dormitories. Exceptions to this regulation may be granted by the Dean of Students when good reason for so doing exists.

All dormitory students who are classified as freshmen or sophomores are required to board in the college dining hall. For all other students, boarding in the college dining hall is optional.

Registration as a student at the College of William and Mary implies that the student will familiarize himself with the rules and regulations governing the conduct of students, and that he will abide by such regulations so long as he remains a student at the College.

When students other than day students are permitted to withdraw, or are dropped from the roll, or are suspended, they must forthwith leave Williamsburg and the vicinity. Until this requirement has been fulfilled, they remain subject to the authority of this institution and may be expelled.

The College assumes that men and women of college age are able and willing to maintain standards of self-discipline appropriate to membership in a college community. Therefore, the College purposely refrains from promulgating a rigid code of

discipline. However, it reserves the right to take disciplinary measures compatible with its own best interests.

The discipline of the College is vested in the President by the action of the Board of Visitors. Cases involving minor infractions of discipline are handled through the offices of the Dean of Men and the Dean of Women, respectively. Serious infractions are considered by the Discipline Committee, which represents administration, faculty, and students. When men and women are jointly involved in misconduct or violation of college regulations, they will be held equally responsible.

Aside from cheating, lying, and stealing, which fall under the Honor System, and infractions of the rules set down by the Women Students' Cooperative Government Association and enforced by the Judicial Committee, the fundamental test for disciplinary action by the college authorities is whether the behavior complained of tends to throw discredit on the name of the College of William and Mary, or to manifest undesirable conduct on the part of the students.

The College reserves the right at any time to suspend or dismiss a student whose conduct or academic standing is in its judgment unsatisfactory.

COLLEGE REGULATIONS

Hazing

Hazing or the subjection of a student to any form of humiliating treatment is forbidden. The hazing of students in a state supported institution is a violation of the laws of the Commonwealth of Virginia.

Intoxicating Liquors

The College does not believe in the use of alcoholic beverages by students. Certain rules and standards are necessary in the interest of the college community. The possession or consumption by William and Mary students of alcohol, spirits or wine anywhere on the campus or in any college building, sorority house or fraternity lodge is prohibited. Nor may any alcoholic beverage be served or consumed at any dance or similar social function.

Vandalism and Disturbances

In general, the College strongly disapproves of all forms of vandalism and disturbance. Students who deface property or destroy fixtures will be dealt with summarily. The defacement or destruction of state property is a violation of the laws of the Commonwealth of Virginia. Students who through noisiness or other disturbance continually annoy their neighbors will be asked to withdraw.

Manners, Habits of Living

Manners and behavior that would not be tolerated in the student's home cannot be tolerated in the classrooms, the dining halls, or the dormitories. The College highly approves of regular habits of living, and these include hours of rising and retiring that are compatible with regular classroom appointments and regular study habits. Long experience has shown a striking correlation between irregular and slovenly habits of living and lack of adequate performance in the classroom. Students are expected to keep their rooms reasonably clean and tidy at all times. It is important that the students' rooms be as presentable as the college grounds, the classrooms, and the dining halls.

Automobiles

By regulation of the Board of Visitors, students are not allowed to have automobiles, except by special permission, which is to be secured from the President through the Dean of Men. Special permission to have automobiles at the College will be granted only in cases of physically handicapped students whose disability makes it necessary that they have access to automobile transportation, and in cases of students who can demonstrate that having an automobile at the College is essential to necessary part-time employment in Williamsburg.

The automobile regulation will not be applied to married students whose families are residing in Williamsburg or to day students who commute to the College from their homes. Further, students who have been accepted as candidates for the Master's Degree and students who have received the Bachelor's Degree and who are studying for the BCL Degree will be exempt from this regulation. Students exempt from the regulation must, never-

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the-less, register their cars at the Office of the Dean of Men. All other students, including resident students living off the campus in Williamsburg, are subject to the regulations.

Except as noted above, no student shall, while College is in session, maintain or operate a motor vehicle in Williamsburg or vicinity. A student who rides in a car which is used in violation of this regulation will be held equally guilty with the owner or driver. If a student wishes to bring his luggage to the College in an automobile, that automobile must be returned to his home before 6 P.M. of the day preceding the day on which classes begin. A student must not bring an automobile to the College unless he can provide for its removal from Williamsburg by that time.

Students who violate the automobile regulation will be subject to dismissal from the College.

Marriage

Any minor student who marries without the full knowledge and consent of his or her parents will be required to withdraw. Such consent must be submitted in writing by the parents prior to the marriage.

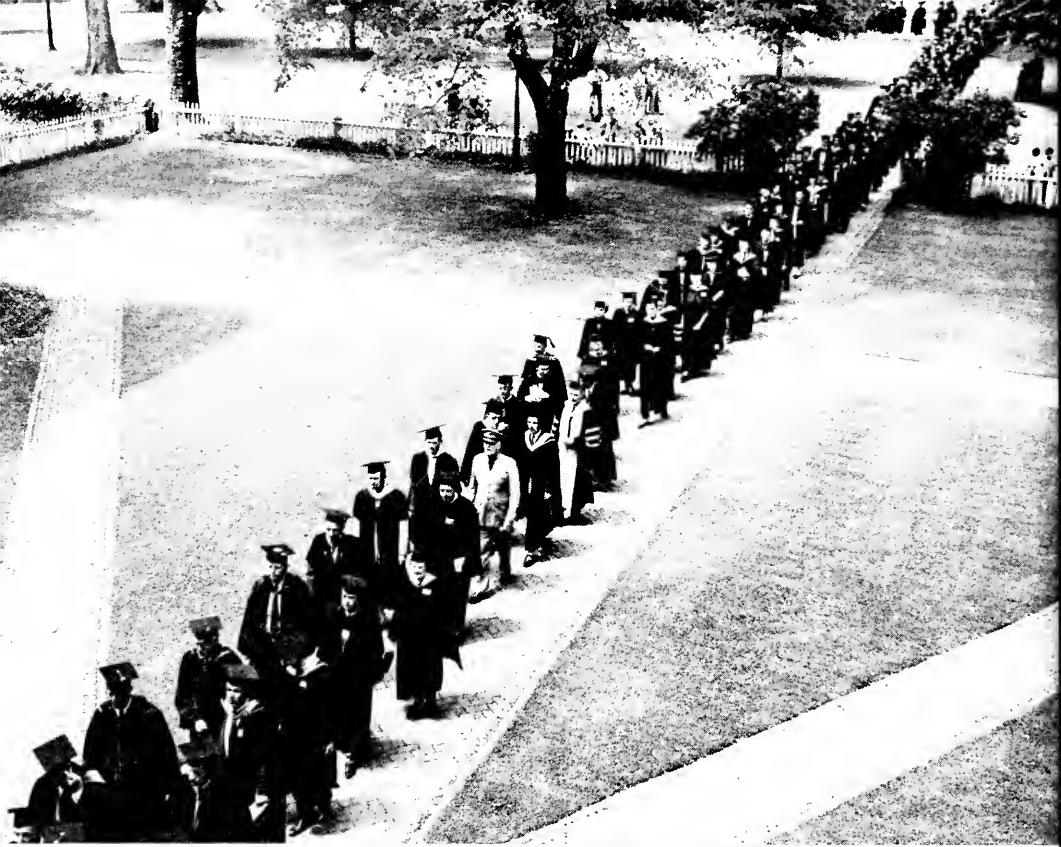
A student twenty-one years of age or older must give written notice in advance of his or her intention to marry. Failure to do so will result in dismissal from the College.

Participation in Extra-Curricular Activities and Eligibility for Class Office

Students are required to pass twenty-four semester credits during the previous year before they may represent the College in athletic contests, intercollegiate debate, dramatic productions, or other similar extra-curricular activities.

No student shall be eligible to hold a class office unless he is a member in good standing of the class which he seeks to represent.





Public Performances and Parties

No person or group of persons associated with the College of William and Mary shall give either in Williamsburg or elsewhere a public performance of any kind unless prior to the first rehearsal the said person or group of persons shall have obtained from the office of the President permission to present the entertainment. In order to secure permission, those in charge of the performance must make written application to the President of the College.

STUDENT PERSONNEL SERVICES

HEALTH SERVICE

THE PURPOSE of the Health Service is fourfold:-(1) improvement of the health of the students; (2) prevention of diseases; (3) supervision of campus sanitation, which includes inspection of sanitary conditions of cafeterias, dining halls, dormitories, swimming pools, periodic examination of all food handlers in college eating places, inspection and analysis of college water and milk supplies, etc.; and (4) instruction of students in matters essential to healthful living.

The Health Service is housed in the David King Infirmary, a modern, fireproof building containing out-patient clinic, dispensary and waiting rooms, diet kitchens, nurses' quarters, and fifty-bed infirmary.

A health certificate is required of all entering students. During each semester, each student is entitled to the use of the Medical Services. The medical services are as follows:

1. Medical care in the Health Service clinic for minor and incipient illness and accidents. Necessary staple drugs and dressings are included.
2. Health consultation service with the medical staff.
3. Special medical examinations for certification of students which is required for participation in intercollegiate athletics and other forms of strenuous activity.
4. A medical examination, by the college physician, of all freshmen, transfer students and students who are reinstated following withdrawal for illness or other cause. Recommendations to the Physical Education Department and to scholastic counselors are then made regarding the physical condition of the student thus enabling him to arrange his program within his physical capacities.
5. Hospitalization in the Health Service infirmary for a limited period, for minor and incipient illness when bed care is advised by the college physician. The College does not, however, assume the cost of special nurses, consulting

physicians, surgical operations, x-ray or laboratory tests, care in other hospitals, or special medications. Meals are charged the student at the prevailing dining hall rate.

The College Health Service affords the student general medical treatment and bed care in the Infirmary for a period up to three weeks for minor and incipient illness and accidents. Staple drugs are supplied without additional charge. Isolation and care for common communicable diseases are provided.

THE COUNSELING OFFICE

The Counseling Office offers guidance and counseling in three main areas: educational counseling—help in selecting the proper courses of study and in establishing effective study habits; vocational counseling—aid in determining the profession or position for which the student is best fitted, or help in choosing the field of study in which the student intends to major; and personal adjustment—assistance in overcoming difficulties in social adjustment, difficulties caused by uncertainties of aims and purposes and other personal problems.

In vocational counseling a testing and information service is provided. Vocational interest and aptitude tests are available to all students who desire help in choosing their major field, or their life work. A file of information on all vocations in which college men and women are interested is maintained.

In addition, the Counseling Office is the center for those tests supervised by the Educational Testing Service, such as the Graduate Record Examination and the Law School Admissions Test, and for the Miller Analogies Test.

BUREAU OF SENIOR AND ALUMNI PLACEMENT

The College maintains a Placement Bureau for seniors and alumni through which all non-teaching placements are made. This faculty sponsored organization has recognized its responsibility to the seniors by helping them to obtain employment with business and industrial concerns. At the same time it has also recognized the responsibility of aiding and assisting business and industry to obtain a trained body of men and women. The Placement

Office also offers its services to the alumni who are seeking job transfers after they have been out of college a number of years. Frequent requests come from industrial and business concerns for men who are available for employment and who have had experience.

Personnel records of seniors and alumni are made available to professional, governmental and business organizations interested in employing men and women from the College. The Placement Bureau maintains cordial relationships with many employers and devotes considerable effort each year to placing in permanent positions those students who seek employment. Company representatives are invited to the campus to confer with students and to discuss not only the qualifications necessary for success in their special fields but to explain business opportunities and to make job offers to our graduates. In recent times representatives of nationally recognized business concerns have been visiting the campus at the rate of about one hundred per year. These representatives are given every assistance in their recruiting programs. Free services of the Bureau include vocational counsel and specific aid in securing satisfactory positions.

TEACHER PLACEMENT

In addition to the services (listed above) which are primarily designed to assist seniors and alumni in finding positions in business and industry, the College maintains a teacher placement service. All students and graduates desiring teaching positions may use the specialized services of the Bureau of Recommendations operated by the Department of Education. Prospective teachers are encouraged to register in this Bureau and are given organized help in entering the teaching profession.

THE SOCIETY OF THE ALUMNI

THE SOCIETY of the Alumni of the College of William and Mary in Virginia was founded in 1842 and incorporated on March 17, 1923. Its purpose is to organize the alumni of the College of William and Mary in one general body, in order to keep alive the memories of college life and promote the welfare of the College. Any alumnus who has completed one regular college semester at the College in Williamsburg and has received honorable dismissal is eligible for membership in the Society. Annual contributions of \$5.00 or more to The William and Mary Fund provide contributors with all membership privileges, including receipt of the *Alumni Gazette*, official publication of the Society.

The officers of the Society are: William Greenwood Thompson, Jr., '28, President; T. Crawley Davis, Jr., '41, Vice-President; Margaret Hull Mitchell (Mollenkopf), '41, Secretary-Treasurer; James S. Kelly, '51, Executive Secretary.

The Members of the Board of Directors of the Society are: To December, 1955—Jay Wilfred Lambert, '27, Williamsburg, Virginia; Robert DeBlois Calkins, Jr., '25, Washington, D. C.; Margaret Hull Mitchell (Mollenkopf), '41, Princeton, New Jersey. To December, 1956—Otto Lowe, '23, Cape Charles, Virginia; Suzanne Yeardley Garrett (Montague), '25, Hampton, Virginia; William Greenwood Thompson, Jr., '28, Virginia Beach, Virginia. To December, 1957—T. Crawley Davis, Jr., '41, Wilmington, Delaware; W. Brooks George, '32, Richmond, Virginia; Aubrey Mason, '47, Lynchburg, Virginia.

The members of the Alumni Board of Trustees of the Alumni Endowment of the College of William and Mary, are: Edward Nelson Islin, '25, Hilton Village, Virginia; Henry Morris Stryker, '18, Williamsburg, Virginia; Vernon Leslie Nunn, '25, Williamsburg, Virginia; Robert A. Duncan, '24, Williamsburg, Virginia. Ex officio—The President of the Society of the Alumni.

James S. Kelly, '51, is the editor of the *Alumni Gazette*.
The Alumni Office is located in The Brafferton.

FEES AND EXPENSES

THE COLLEGE RESERVES THE RIGHT TO MAKE, WITH THE APPROVAL OF THE PROPER AUTHORITIES, CHANGES IN TUITION AND OTHER FEES AT ANY TIME.

Payment of Accounts

Principal fees, and room and board fees are payable in advance by the semester, remittance being made by check drawn to the College of William and Mary. The College has a special payment plan for those who are unable to pay the entire semester account by the date of registration. Information concerning this plan may be obtained by writing the Auditor's Office. Failure to meet the payments when due results in automatic suspension of the student from the college until the account has been brought up to date.

Students will not be allowed to complete registration unless their registration cards have first been approved by the Auditor's Office. This preliminary procedure can be accomplished by mail and should be completed upon receipt of the student's statement of account.

Students who present themselves for registration without making preliminary arrangements must be prepared to pay their accounts in full. Otherwise, their registration will be delayed until satisfactory arrangements have been made.

First semester accounts or first payments on accounts under the special payment plans are *due on or before September 1*. Second semester accounts are *due on or before January 15*.

Refunds to Students Withdrawing

Subject to the following regulations and exceptions, all charges made by the College for room, board and fees are considered to be fully earned upon the completion of registration by the student.

1. A student withdrawing within a period of five days after the scheduled registration period is entitled to a refund on charges

except that \$10.00 shall be retained by the College to cover the expense of registration. (These refunds shall not include any deposits or advance payments that may have been required by the College as evidence of the student's intention to enroll, or the amount of \$12.00 charged for board for students who attend the orientation period.)

2. A student withdrawing at any time within the first 30 days after the scheduled period of registration shall be charged 25 per cent of the semester's room rent and fees.

3. A student withdrawing at any time within the second 30 day period after the scheduled registration shall be charged 50 per cent of the semester's room rent and fees.

4. A student withdrawing at any time after 60 days following the date of registration shall be charged the full semester's room rent and fees.

5. No refunds of fees or room rent will be made to a student who has been required to withdraw by the College, regardless of the date of withdrawal.

6. In cases of withdrawal from College, charges for board will be calculated on a pro-rata basis.

Credits on Accounts of Scholarship Holders

Students holding scholarships are required to pay all fees less the value of the scholarship which they hold.

Students holding scholarships (except Merit Award Scholarships) and student positions must board in the college dining hall and room in college-owned dormitories.

Withholding of Transcripts and Degrees in Case of Unpaid Accounts

Transcripts or any other information concerning scholastic records will not be released until college accounts are paid in full. Degrees will not be awarded to persons whose college accounts are not paid in full.

Cashing of Student Checks

The College does not have facilities for handling deposits for students' personal expenses, but the Auditor's Office is prepared

to cash checks up to \$25.00. All such checks should be made payable to the student or to cash. Under our regulations as a State institution, we are not permitted to cash checks made payable to the College of William and Mary.

FEES AND OTHER EXPENSES

Tuition and General Fee (\$131.00 per semester for State Students and \$246.00 for Out-of-State Students) is a payment towards the general maintenance and operating costs of the College including recreational and health facilities. (Board, room and laundry are additional.)

Any minor is classified as a Virginia student whose supporting parent resides in Virginia and does business therein. The residence of anyone twenty-one years of age is determined by the location of his home at the time of his entrance in college. A declaration of intention to reside in Virginia is not sufficient unless the person has voted and does vote in the State, and is a regular Virginia taxpayer. The Act affecting residency is as follows:

"Be it enacted by the General Assembly of Virginia, That no person shall be entitled to the admission privilege, or the reduced tuition charges, or any other privileges accorded by law only to residents or citizens of Virginia, in the State Universities, Colleges and other institutions of higher learning unless such person has been a bona fide citizen or resident of Virginia for a period of at least one year prior to admission to said institution, provided that the governing boards of such institutions may require longer periods of residence and may set up additional requirements for admitting students."

Laundry Fee

The fee (\$16.00 per Semester) covers the laundry requirements of the average student and is required of all students living in dormitories, sorority houses and fraternity lodges.

Board

The College operates a large cafeteria and a snack bar, together seating over 800 persons. The dining halls are not operated for profit.

All students who are officially classified as freshmen and sophomores and who are dormitory residents (including residents of the college-owned sorority houses and fraternity lodges) will be charged for board at the rate of \$200.00 per student per semester for the period beginning on September 19, 1955. (Students entering for the orientation period beginning September 11, 1955, will be charged an additional \$12.00.) Board is payable in advance unless special arrangements are made with the Auditor's Office.

Each student will be issued a Dining Hall Card which entitles that student to three meals daily for a period of 120 days during the semester. The Christmas recess during the first semester and the spring recess in the second semester are not included in the 120 days for which board is charged.

The Dining Hall Card will not be usable in the Wigwam (Coffee Shop).

The daily menus afford a choice of salads, desserts and beverages. There is no choice of entrees or vegetables served at each meal except on Friday.

It shall be optional with students not living in dormitories and students other than freshmen and sophomores whether they board in the College Dining Hall. They may elect to board by the semester in the Dining Hall in which case the charge for board will be \$200.00 per student per semester of 120 days, or they may purchase a monthly Dining Hall Card for \$52.50, which will entitle the holder to three meals per day for a thirty-day month.

In cases of withdrawal from the College, the student will be given a refund calculated on a pro-rata basis determined by the date of official withdrawal, provided the Dining Hall Card is surrendered to the Auditor on this date.

Owing to uncertain conditions prevailing with respect to the cost of food supplies and of food service, the College reserves the right to change its rates for board at any time throughout the year to meet such additional costs.

Room Rent

Men: Room rent in the men's dormitories varies from \$55.00 to \$150.00 per semester depending on the size of the room, location, bath, etc.

Women: Room rent in the women's dormitories varies from \$100.00 to \$150.00 per semester depending on the size of the room, location, bath, etc.

ESTIMATE OF SEMESTER EXPENSES

	<i>Low</i>	<i>Medium</i>	<i>High</i>
Board	\$200.00	\$200.00	\$200.00
*Tuition and General Fee (State Student)	131.00	131.00	131.00
Room Rent	55.00	85.00	150.00
Laundry	16.00	†18.00	†20.00
Totals	\$402.00	\$434.00	\$501.00

INCIDENTAL EXPENSES

It is impossible to estimate the exact cost to students of clothing, travel and incidental expenses. These are governed largely by the habits of the individual. The College endeavors to cultivate frugality on the part of the students, and equally to minimize temptation to extravagance. The size of Williamsburg aids materially in this matter by not subjecting the students to the diversions of a larger city. As the demands for extra money are small, parents are advised to furnish only a small sum.

The cost of books depends somewhat on the courses taken, but will seldom be less than \$25.00 a year and does not usually exceed \$50.00 a year.

Money for books cannot be included in checks covering college expenses and should be paid for in cash or by separate check when purchased. Checks for books should be made payable to the William and Mary Bookstore.

*For Out-of-State students add \$115.00.

†For excess over and above normal requirement.

NON-RECURRING FEES

Room deposit	\$25.00
Room change fee	5.00
Bachelor's diploma	7.50
Master's diploma	10.00
Academic costume rent to seniors	5.00

Room Deposit—A deposit of \$25.00 is required by the College for a student to reserve a room. This payment is made to the Auditor and is applied on the student's regular college account.

This deposit may be made by students already enrolled at any time after the beginning of the second semester, but *must* be paid before June 1. No rooms will be reserved for students who have not paid their room deposit by that date.

Students enrolling for the first time may not make a room reservation deposit until they have been notified of their admission to the College.

The room deposit will be returned only to those students who cannot be accommodated in the dormitories or who cancel their reservations on or before August 1. No student who has reserved a room in one of the residence halls will be permitted to transfer to a fraternity house or sorority house after August 15.

Room assignments for women will be made by the Assistant Dean of Women. Room assignments for men will be made by the Assistant Dean of Men. Assignments will be made in order of priority of application.

Room Change Fee—Students are given two weeks to become settled in their rooms. Changes after this period will only be permitted after the payment of five dollars.

Diplomas—The charge for the Master's diploma is \$10.00, and the charge for the Bachelor's diploma is \$7.50. These fees are payable at graduation.

Academic Costumes—Both senior and graduate students are furnished an academic costume at the cost of \$5.00. This fee is payable at graduation.

ADMISSION TO THE COLLEGE

BY ACT OF THE General Assembly of Virginia, men and women are admitted to the College on the same conditions.

Applicants for admission must present their applications on printed forms secured from the office of the Dean of Admissions. While priority of application does not guarantee selection, candidates should apply early, preferably before March 1. Assignments to rooms are made after selection for admission, in the order of time of application.

The first selection of applicants will be made on or about March 15. Candidates will be notified of the action of the Committee on Admissions as soon thereafter as is feasible. Additional selections will be made later.

It is strongly urged that those expecting to apply for admission to the College begin early in their high school careers to plan their courses toward the meeting of the entrance requirements. The Dean of Admissions and the other members of the faculty will gladly assist in preparing a desirable program of studies.

THE SELECTIVE PROCESS OF ADMISSION

The essential requirement for admission to the College of William and Mary is graduation in the upper half of the class from an accredited secondary school, with a minimum of sixteen acceptable units or the equivalent of this requirement as shown by examination. Candidates for admission from secondary schools requiring more than the normal four years for graduation may be accepted when their transcripts show the full equivalent of graduation from a four-year secondary school in the upper half of the class.

Since the number of applicants who meet the essential requirement is considerably in excess of the number that can be admitted, the College selects those who present the strongest qualifications in scholarship, character, personality, performance in extra-curricular activities, and breadth of interests.

The high school record, the recommendation of the principal, and such other sources of information as may be available will be utilized in determining the applicant's fitness for selection. A

personal interview by a representative of the College may be required of the candidate.

Although interviews are not usually required, applicants who wish to visit the College for the purpose of an interview are urged to make appointments in advance with the Dean of Admissions. Such interviews may be most conveniently held during the winter months.

Scholarship

Evidence of superior achievement in the secondary school is considered of prime importance in determining selection for admission. High rank in the graduating class will be taken as presumptive evidence of superior scholarship and will weigh heavily in the applicant's favor.

Although the College does not prescribe specifically the high school units to be presented, preference will be given to candidates who present at least four units in English, three in a foreign language (ancient or modern), or two in each of two foreign languages, two in history, two and one-half in mathematics, and two in science. The remainder of the sixteen units should consist of additional credits in these preferred subjects.

Personality and Character

Evidence of good moral character and of such traits of personality as will make for desirable adjustment to the College will be considered of importance secondary only to the student's academic achievement. It is understood that these terms necessarily deal with intangibles. In general, however, the student whom the College desires to enroll is the person of genuine intellectual ability and moral trustworthiness; in addition, he or she should possess the qualities that will make for friendly and congenial relations in the college group.

Performance in Extra-curricular Activities

A record of interested participation in extra-curricular activities when accompanied by good achievement in the field of scholarship increases the likelihood of the applicant's selection.

The Committee, therefore, takes into account the participation of the candidate in such fields as publications, forensics, athletics, and the arts.

Tests of the College Entrance Examination Board

Although the College is a member of the College Entrance Examination Board, tests of the College Entrance Examination Board are not required for admission. The results of these tests are greatly valued by the Committee on Admissions to support the candidate's other papers. Candidates who have taken, or who are to take, these examinations are requested to have the scores forwarded to the College of William and Mary. The College especially desires the results of the Scholastic Aptitude Test that the candidate has taken in May of his junior year or in December, January, or March of his senior year.

Admission of Transfer Students

In order to be able to admit as large a freshman class as possible, it is the general policy of the College to admit with advanced standing from other colleges only applicants with exceptional academic records and personality qualifications.

A student having completed a year's session at another college will be admitted only on a thirty hours' record with an average of C or better on these hours. A student having completed two sessions at another college will be admitted only on a sixty-hour academic record with an average of C or better on such hours.

REQUIREMENTS FOR DEGREES

THE DEGREES conferred in course are Bachelor of Arts (A.B.), Bachelor of Science (B.S.), Bachelor of Civil Law (B.C.L.), Master of Arts (A.M.), Master of Education (M.Ed.), and Master of Law and Taxation (L.T.M.).

The requirements for degrees are stated in terms of "semester credits" which are based upon the satisfactory completion of courses of instruction. One semester credit is given for each class hour a week through a semester. Not less than two hours of laboratory work a week through a semester will be required for a semester credit. A semester is a term of approximately eighteen weeks or one-half of the college session.

EVALUATION OF CREDITS FROM OTHER INSTITUTIONS

The credits of students transferring from other institutions will be evaluated only tentatively upon matriculation. The final evaluation of credits earned at any time elsewhere than at this institution will be determined by the quality of work completed at this college. No student may assume that credit will be given for work at other institutions until he has a written statement as to what credit will be accepted. In particular, any student of the College in Williamsburg who proposes to attend a summer session elsewhere must have written permission in advance from the Chairman of the Committee on Degrees in order to insure that the credit may be transferred to the College in Williamsburg. Credits carrying a grade of "D" will not be accepted for transfer to the College of William and Mary. In determining the number of quality points on credits accepted from other institutions which may be counted toward the minimum of one hundred twenty required for graduation, credits of grade "C" or higher will be considered as having a value of "C." Credit for extension and/or correspondence courses in the field of concentration or for the requirements for the baccalaureate degree shall be limited to one-fourth of the total credit hours required.

SYSTEM OF GRADING AND QUALITY POINTS

The work of each student in each course in an academic subject is graded A, B, C, D, or F. These grades have the following meanings: A, superior; B, good; C, average; D, passing; F, failing. For each semester credit in a course in which a student is graded A he receives 3 quality points; B, 2; and C, 1. F carries no credit and no quality points. D carries credit but no quality points. The work in required physical education is graded S (satisfactory) or F (failed).

In addition to the grades A, B, C, D, and F, the symbols "G," "I," and "X" are used on grade reports and in the college records. "G" indicates that the instructor has deferred reporting the student's grade. "I" indicates that the student has postponed, with the consent of the instructor, the completion of certain required work other than the final examination. "X" indicates absence from the final examination. "I" automatically becomes F at the end of the next semester if the postponed work has not been completed. "X" automatically becomes F at the end of the next semester unless a deferred examination is permitted by the Committee on Academic Status.

REQUIREMENTS FOR THE DEGREES OF
A.B. AND B.S.

The requirements for the degrees of Bachelor of Arts and Bachelor of Science are stated in the succeeding paragraphs under the following headings: I, General Requirements for the Degrees of A.B. and B.S. II, Distribution, Concentration, and Electives. III, Fields of Concentration.

I. GENERAL REQUIREMENTS FOR THE DEGREES OF A.B. AND B.S.

One hundred and twenty-four semester credits are required for graduation. Of these one hundred and twenty-four semester credits, one hundred and twenty must be in academic subjects and four in required physical education. A minimum of 120 quality points in academic subjects is required.¹

¹"Academic subjects" means subjects other than required physical education.

In the field of concentration the student must make a minimum quality point average of 1.

No degree will be granted by the College until the applicant has been in residence at least one college year and made a minimum of thirty semester credits at the College of Williamsburg. This period must include the last year of the work required for the completion of the degree.

Students transferring from other institutions should expect to spend at least two years in residence at the College.

II. DISTRIBUTION, CONCENTRATION, AND ELECTIVES

The credits required for graduation are to be secured in accordance with the following arrangement:

A. Distribution

1. English Language and Composition (Eng. 101, 102) 6 semester credits
English 201, 202 or Fine Arts 201, 202 6 semester credits
2. Ancient or Modern Foreign Language 12 or 18 semester credits

NOTE: A student who enters college with less than *two* high school units of a foreign language must acquire *eighteen* semester credits in foreign language; at least *twelve* of these credits must be earned in one language. A student who enters with *two* or more high school units of a foreign language must acquire *twelve* semester credits in foreign language; at least *six* of these *twelve* credits must be obtained by continuing a language in which the student has obtained *two* or more high school units, *unless* the student elects to obtain all *twelve* credits in one language in college. It is strongly recommended that the continuation of a high school language should normally precede beginning of a new language.

3. Mathematics or Philosophy 201, 202 6 semester credits
4. Biology, Chemistry, or Physics 10 semester credits

5. Physical Education 101, 102, 201, 202 4 semester credits
6. Economics 201, 202; Government 201,
 202; or History 101, 102 (Any two
 of these continuous courses) 12 semester credits

All students who have completed less than 45 semester credits in academic subjects (except part-time students and students enrolled in pre-professional programs approved by the College) must carry in each semester at least three of the courses (not including Physical Education) which meet these distribution requirements. Unavoidable exceptions to this regulation must be approved by the Committee on Academic Status.

English 101, 102 and Physical Education 101, 102 must be taken in the freshman year. Physical Education 201, 202 must be taken in the sophomore year.

NOTE: No credits will be counted toward the degree for the first semester of an elementary foreign language unless followed by the successful completion of the second semester of that language.

B. Concentration

Before the end of the sophomore year each student shall select a major department in which he shall concentrate during his junior and senior years. The following rules shall govern concentration:

- (a) The whole program of concentration shall represent a coherent and progressive sequence.
- (b) The student in consultation with the head of his major department shall select the courses for concentration. Of these, at least thirty semester credits must be with the major department.
- (c) Each department may require as many as twelve additional semester credits in courses from that department or from other departments.

When a student concentrates in a field in which he has received credit for a distribution requirement, such credit shall be counted in the total field of concentration.

No student shall be permitted to apply toward a degree more than forty-two semester credits in a subject field. The subject fields include: Biology; Business Administration; Chemistry; Economics; Education; English; Fine Arts; French; German; Government; Greek; History; Latin; Law; Mathematics; Music; Philosophy; Physical Education for Men; Physics; Psychology; Sociology and Anthropology; Spanish.

No student shall be permitted to apply toward a degree more than twenty-one semester credits in technical courses in any one subject field nor in any one department.

C. Electives

Of the number of semester credits remaining for the completion of these degree requirements, at least nine semester credits must be chosen from departments other than those in which courses for concentration were selected.

III. FIELDS OF CONCENTRATION

Degree of Bachelor of Arts

The following departments are approved for concentration: Ancient Languages, Business Administration, Economics, Education, English Language and Literature, Fine Arts, Government, History, Law, Mathematics, Modern Languages,¹ Music, Philosophy, and Sociology and Anthropology.

NOTE: Students planning to concentrate in Modern Languages are required to take six semester credits of Latin or Greek.

Degree of Bachelor of Science

The following departments are approved for concentration: Biology, Chemistry, Mathematics, Physical Education for Men, Physics, and Psychology.

Education (twenty-one semester credits) should be taken by students planning to teach.

NOTE: The twelve or eighteen semester credits of foreign

¹The Department of Modern Languages offers concentration in French, German, and Spanish.

language required for distribution must be taken in French or German or both by students planning to concentrate in Chemistry, with the exception of those who are preparing for medicine. Further, a reading knowledge of scientific German will be required of those students who wish to meet the minimum standards for professional training in Chemistry (see page 109).

Degree of Bachelor of Civil Law

For the requirements of this degree, see page 163.

IV. GRADUATE STUDY¹

Students are admitted to graduate study either as candidates for a Master's Degree, or as unclassified students. It is recommended that a student who intends to become a candidate for the Master of Arts or Master of Education Degree, should make application before starting graduate work. All applications for candidacy for a Master's Degree are subject to the approval of the Committee on Graduate Studies and the recommendation of the head of the department in which the applicant plans to do his major work.

Degree of Master of Arts

The Master of Arts Degree is primarily a cultural degree, which involves an introduction to the methods of research.

The requirements for the degree of Master of Arts are as follows:²

- I. The applicant for admission to candidacy for the A.M. degree must have completed the requirement for a bachelor's degree in an institution of approved standing. He

¹The College of William and Mary is a Center, selected by The Carnegie Foundation for the Advancement of Teaching, in which the Graduate Record Examination is administered twice a year. This examination, a measure of general knowledge, is optional and may be taken by both graduate and undergraduate students to determine their probable success with advanced work.

²The special requirements for the degree of Master of Arts in History are described on page 154.

must have made a quality point average of 1.5 or its equivalent, and must have the recommendation of the head of the department in which he intends to do his main work (the department head may also request specific exceptions to the 1.5 average in the admission requirement). All applications are subject to review by the Committee on Graduate Studies.

- II. Graduate work taken prior to admission to candidacy will be credited toward the A.M. degree only with the approval of the Committee on Graduate Studies.
- III. The head of the department in which the student concentrates will plan and approve the student's program.
- IV. A minimum residence period of one regular session or of four summer sessions of nine weeks each is required.
- V. At least twenty-four semester credits of advanced work with a quality point average of 2.0 are required for the A.M. degree. No credit will be given for any grade below C.
- VI. The student must present a thesis approved by the head of the department of concentration and by the student's examination committee. He must register for 560, Thesis, Hours to be Arranged, for at least one semester and may repeat this registration. This registration does not alter in any way the 24 credits in course work required for the A.M. Degree. The thesis must be submitted in final form for acceptance or rejection two weeks before the student expects to receive the degree. The degree will not be granted until two bound copies have been presented by the student to the Dean of the Faculty.
- VII. An examination covering the entire field of study is required. This examination is conducted by the student's examination committee.
- VIII. All requirements for the degree must be completed within a maximum period of six calendar years after commencing graduate study as a candidate for the degree.

NOTE: The student's major professor with two or more members of the faculty, appointed by the Chairman of the Com-

mittee on Graduate Studies in consultation with the head of the department in which the student concentrates, will act as his examination committee.

Degree of Master of Education

The program of study leading to the Master of Education degree is planned for students who wish to continue systematic professional study beyond the bachelor's degree in order to extend their preparation for administrative, supervisory, counseling, and teaching positions. It is designed to provide broad, fundamental, and practical preparation for such positions, and to develop ability to utilize the contributions of philosophy and research in the solution of educational problems.

The requirements for the degree of Master of Education are as follows: Paragraphs I, II, III, IV, VII, and VIII of the requirements for the A.M. degree apply also to the M.Ed. degree. Requirements applicable specifically to the M.Ed. degree are:

A. Applicants are eligible to undertake the M.Ed program under the following conditions:

1. The undergraduate program contains a minimum of 18 semester credits in education, including one year of practice teaching¹; or,
2. The bachelor's degree held is B.S. in Education, and includes one year of practice teaching¹; or,
3. Holders of the bachelor's degree, without professional training, upon the completion of two sessions of successful teaching may be accepted conditionally; in this case undergraduate courses in education on the basis of individual need may be required in addition to courses on the graduate level.

B. At least twenty-seven semester credits of advanced work with a quality point average of 2 are required for the M.Ed. degree; no credit will be given for any grade below C. If in the judgment of the head of the Department of Educa-

¹Two sessions of successful teaching experience will be accepted in lieu of practice teaching.

tion they are necessary to the professional training of the student, additional courses may be required.

- C. The student must present a report of a professional project approved by the Department of Education and by the student's examination committee. He must register for Education 530, Project, Hours to be Arranged, for at least one semester and may repeat this registration. This registration does not alter in any way the 27 credits in course work required for the M.Ed. degree. The project report must be submitted in final form for acceptance or rejection two weeks before the student expects to receive the degree. The degree will not be granted until two bound copies have been presented by the student to the Dean of the College. The examination committee is to be organized as prescribed in the note following the Master of Arts requirements.
- D. With the approval of the head of the Department of Education, a student may elect to substitute additional course work for the thesis or professional project report referred to in Section C. Under this option a minimum of thirty semester hours of graduate work, which must include Educ. 501-502, is required. Graduate credit in excess of the minimum may be required if in the judgment of the adviser it is necessary to the professional training of the student. A comprehensive examination covering the principal areas of study is required upon completion of the course work. The general requirements for the M.Ed. degree apply also to this option.

DIVISIONS OF INSTRUCTION

THE FACULTY of the College, for purposes of closer association in such matters as instruction, curriculum, and research, is organized by Divisions and Departments, as follows:

The Division of the Humanities

This division comprises the following departments: Ancient Languages, English Language and Literature, Fine Arts, History, Modern Languages, Music, and Philosophy.

Officers of the Division: JAMES WILKINSON MILLER, *Chairman*; JOHN A. MOORE, *Secretary*.

The Division of the Social Sciences

This division comprises the following departments: Business Administration, Economics, Government, History, Jurisprudence, Philosophy, Secretarial Science, and Sociology and Anthropology.

Officers of the Division: R. WAYNE KERNODLE, *Chairman*; JAMES ERNEST PATE, *Secretary*.

The Division of Natural Sciences

This division comprises the following departments: Biology, Chemistry, Mathematics, Psychology, and Physics.

Officers of the Division: ROBERT L. MOONEY, *Chairman*; JOHN KIRBY BARE, *Secretary*.

The Division of Teacher Education

This division comprises the following departments: Education, Home Economics, Physical Education for Men, and Physical Education for Women.

Officers of the Division: HOWARD K. HOLLAND, *Chairman*; MARION REEDER, *Secretary*.

COURSES OF INSTRUCTION¹

Ancient Languages

PROFESSORS WAGENER (*Head of the Department*) and RYAN.

REQUIREMENTS FOR CONCENTRATION

A candidate for the A.B. degree with concentration in Ancient Languages will be expected to take at least 30 credits in Greek and Latin courses, with the majority of these credits in one of the two languages. Latin 408 or Greek 406, and 3 credits chosen from Greek-Latin 306 and Greek-Latin 307 are prescribed courses in the concentration. If the major emphasis is on Latin, at least one year of Greek should be taken; if on Greek, at least one year of Latin. The beginning or continuation of the study of modern foreign language in the freshman and sophomore years is advised. Prospective teachers of Latin should take Latin 405 (*Education S305*), *The Teaching of High School Latin*, and Latin 204, *Rome's Legacy to the World of Today*, should complete the requirements in Education for certification, and should prepare themselves in a second teaching field, preferably English or modern foreign language.

DESCRIPTION OF COURSES

LATIN

101, 102. *Elementary Latin*. Continuous course; lectures three hours; three credits each semester. Students who have

¹Courses of the 100 series are primarily for freshmen, 200 for sophomores, 300 and 400 for juniors and seniors. Courses of the 500 series are intended for graduate students only. Odd numbered courses are ordinarily offered in the first semester but may be offered in the second semester also; even numbered courses are ordinarily offered in the second semester but may also be offered in the first semester.

A continuous course covers a field of closely related material and may not be entered at the beginning of the second semester without approval of the instructor.

(*) Starred courses may be taken only with the consent of the instructor.

(†) Daggered courses may be taken only with the consent of the Chairman of the department concerned.

acquired two high-school units in Latin may not take Latin 101, 102 for credit. MR. WAGENER.

The study of a standard series of texts designed for the first and second years of instruction, including the mastery of elementary language structure and vocabulary, extensive reading of appropriate stories in Latin, and observation of Latin derivatives in English and the Romance Languages. Parallel study of pertinent aspects of Roman life and history, and of the legacies left by Roman civilization to the modern world.

103, 104, 106. *Grammar Review, Reading of Prose and Poetry*. Continuous course; lectures three hours; three credits each semester. Prerequisite: at least two units of high-school Latin or Latin 101, 102. MR. WAGENER.

A course for students who have had two years of high-school Latin or the equivalent, and for more advanced students who wish to refresh their knowledge with a view of applying it to other subjects. A review of the elements of the language and the reading of passages from selected authors in the first semester (103) to be followed in the second semester by reading from Cicero, Vergil, and Ovid (104) or, if there is sufficient interest, by a study of the etymology of the vocabularies of the sciences with the reading of selections from Latin legal, medical, and scientific writings of various periods (106). Parallel study of Roman history and political institutions, and of their influence upon succeeding ages; of the ancient epic; and of the influence of the *Aeneid* upon subsequent literature.

201, 202. *Literature of the Republic and the Empire*. Continuous course; lectures three hours; three credits each semester. Prerequisite: three or four units of high-school Latin or Latin 103-104. MR. WAGENER.

The reading of selections representative of the works of important writers in the periods of the Republic and the Empire, with particular emphasis upon the comedy and lyric poetry. A study of the literary types represented in Latin literature and of their influence upon the literature of later ages.

**Latin Literature Cycle*. Each course one semester; lectures three hours; three credits. MR. WAGENER.

The following courses are offered as the needs and wishes of students in the Department in any year may demand. For all these courses, the completion of Latin 201 and 202 or the equivalent is prerequisite. In each course there is a parallel study of some phase of Roman life or thought. Those in the 400 group may be counted toward the A.M. degree when supplemented by additional parallel reading.

301. Cicero's and Pliny's *Letters*, The *Epigrams* of Martial.

302. Catullus and the Elegiac Poets.

303. Lucretius.

304. Horace's *Odes* and *Epodes*, Vergil's *Eclogues*.

305. Comedy—Plautus and Terence.

401. Horace's *Satires* and *Epistles*, Juvenal, Petronius.

402. Tacitus, Suetonius.

403. Cicero's Philosophical Works, Seneca.

404. The Latin Epic—Vergil and Lucan.

*405. *The Teaching of High School Latin*. Either semester; lectures three hours; three credits. (See Education S305.) MR. WAGENER.

A detailed study of the Latin curriculum appropriate for high-school instruction; including the philosophy of curriculum construction, organization through "Themes" and "Topics," the correlation of a mastery of the elements of language with an understanding of Roman culture and its legacy to the modern world, the selection of reading and supplementary materials, the use of audio-visual methods, and correlation with other fields of study in a basic general curriculum. Lectures and workshop.

*408. *Advanced Syntax and Composition*. Either semester; lectures three hours; three credits. MR. WAGENER.

A review of syntactical principles and drill in the writing of idiomatic Latin.

†500. *Special Topics*. Any semester; three credits for each course. MR. WAGENER.

Courses of distinctly graduate character. Open from time to time to such candidates for the A.M. degree as are prepared to carry on individual study and research.

A: Epic Poetry of the Republic; B: Post-Augustan Epic Poetry; C: Satire, exclusive of Horace and Juvenal; D: Palaeography; E: Problems of Textual Criticism.

GREEK

101, 102. *Elementary Greek*. Continuous course; lectures three hours; three credits each semester. MR. RYAN.

The elements of the Greek language with translation of stories and poems from selected readers. Parallel study of aspects of Greek civilization and of the legacy left by Greek culture and thought to the modern world.

201. *Representative Prose Writers*. First semester; lectures three hours; three credits. Prerequisite Greek 101, 102 or equivalent. MR. RYAN.

The reading of selected passages from such writers as Herodotus, Xenophon, Lysias, and Plato, together with continued study of forms, syntax, and composition. A review of the history of Greek Literature through reading in translation. The latter part of this course is spent in preparing the student for the reading of Homer.

202. *Homer*. Second semester; lectures three hours; three credits. Prerequisite: Greek 201 or equivalent. MR. RYAN.

The reading of selected books of the *Iliad* or the *Odyssey*. A study of Homeric civilization, of the literary qualities of the poems, and of their influence upon subsequent literature.

**Greek Literature Cycle*. Each course one semester; lectures three hours; three credits. MR. RYAN.

The following courses are offered as the needs and wishes of students in the Department in any year may demand. For all of these courses, the completion of Greek 201, 202 or the equivalent is prerequisite. In each course there is a parallel study of some phase of Greek life or thought. Those in the 400 group when supplemented by additional parallel reading may be counted toward the A.M. degree.

301, 302. The Drama—Aeschylus, Sophocles, Euripides, Aristophanes.

401. Philosophy—Plato.

402. New Testament—The Gospels, Acts, and Epistles.

403. Historians—Herodotus, Thucydides.

404. Lyric Poetry.

*406. *Advanced Syntax and Composition*. Either semester; lectures three hours; three credits. MR. RYAN.

A review of syntactical principles and drill in the writing of idiomatic Greek.

CLASSICAL CIVILIZATION

The following courses are offered as being of general cultural value as well as essential to an understanding of Classical civilization. *A knowledge of Latin and Greek is not required*. These courses, except Latin 204, may be counted to the extent of six semester credits on a concentration in Latin or Greek, but will not absolve the language requirement for a degree. They are open to *sophomores*, *juniors*, and *seniors* and, when supplemented by parallel study, may be counted to the extent of three semester credits toward the A.M. degree.

Latin 204. *Rome's Legacy to the World of Today*. Second semester; lectures three hours; three credits. MR. WAGENER.

A survey of the outstanding aspects of ancient Roman civilization, based upon a study of the influences from the Latin language and from Roman literature, institutions, and architecture manifested in the life of the world today. Does not require a knowledge of Latin. Primarily for freshmen and sophomores. Supplementary reading required for junior or senior credit. (Alternates with Greek 303.)

Greek 303. *Greek Civilization and Its Heritage*. First semester; lectures three hours; three credits. MR. RYAN.

An evaluation of the Greek heritage in the modern world, primarily for students who have had neither Greek or Latin. The mythology and history, the social and economic problems,

and the literature and art of Greece are discussed and interpreted with emphasis upon their influence, direct and indirect, on modern civilization and upon their value not only for the better understanding of modern social and economic problems, but also for the fuller appreciation of English literature. (Alternates with Latin 204. Not offered in 1955-1956.)

Greek-Latin 306. *Greco-Roman Archaeology and Art*. Lectures three hours; three credits. MR. WAGENER.

The study—by means of illustrated lectures, readings, and reports—of the nature of archaeological research; of the tangible remains of Greek and Roman civilization and art; of the aesthetic principles underlying their production; and of the influence of Greek and Roman art upon the art of subsequent periods. (Not offered in 1955-1956.)

Greek-Latin 307. *Our Heritage of Greek and Roman Literature*. Lectures three hours; three credits. MR. WAGENER.

A survey of chosen masterpieces from the Greek and Roman literatures as a revelation of the thought and culture of Greece and Rome, and of the heritage left by them to the modern world. Lectures and readings in translation. Designed as the first half of a course in foreign literature in translation.

Greek 311, Latin 312. *The Ancient World*. Continuous course; lectures three hours; three credits each semester. MR. RYAN.

Ancient Civilization from prehistoric times to the downfall of the Roman Empire. The first semester deals with the ancient Orient and Greece, up to 338 B.C.; the second semester deals with Alexander, the Hellenistic World, and Rome. This course is the same as History 301, 302.

Biology

PROFESSOR BALDWIN (*Head of the Department*). ASSOCIATE
PROFESSOR BLANK. ASSISTANT PROFESSORS
ALSTON, GRANT and SPEESE.

VIRGINIA FISHERIES LABORATORY¹

PROFESSOR McHUGH (*Director of the Laboratory*). LECTURERS
ANDREWS and VAN ENGEL (*Associate Biologists*), BAILEY,
HAVEN and MASSMANN (*Assistant Biologists*).

REQUIREMENTS FOR CONCENTRATION

A minimum of 40 credits is required for concentration in Biology, Biology 101, 102 (10 credits), Biology 301 (4 credits), Biology 306 or 312 (4 credits), and Biology 401 (4 credits) must be included. A maximum of 10 credits may be approved in other departments for courses above the 100-level to be completed with a minimum grade of "C." Courses above the 403-level are primarily intended for the advanced student who expects to specialize in Aquatic Biology. These courses are conducted by the Staff of the Virginia Fisheries Laboratory.

SPECIAL CONCENTRATION PROGRAMS

- I. Professional Botany—Biology 101, 102, 206, 301, 312, 401, and electives; Chemistry 101, 102, 301, 302; Mathematics 101, 102; Physics 101, 102.
- II. Professional Microbiology or Bacteriology—Biology 101, 102, 201, 301, 302, 306, 315, 401; Chemistry 101, 102, 201, 202, 301, 302; Mathematics 101, 102.
- III. Professional Zoology—Biology 101, 102, 301, 306, 401, and electives; Chemistry 101, 102, 301, 302; Mathematics 101, 102; Physics 101, 102.

¹See also pages 235, 236.

- IV. Aquatic Biology—Biology 101, 102, 201, 202, 301, 306, 315, 401; Chemistry 101, 102, 201, 202, 301, 302; Mathematics 101, 102; Physics 101, 102.
- V. Preparation for Medicine, Dentistry, and Public Health—Biology 101, 102, 201, 202, and electives; Chemistry 101, 102, 301, 302; Mathematics 101, 102; Physics 101, 102.
- VI. Pre-Forestry¹ (Three-Year Program)—Biology 101, 102, 206, 301 or electives, 312, 401; Chemistry 101, 102; Mathematics 101, 102; Physics 101, 102.
- VII. General Medical Technology—Biology 101, 102, 201, 301, 306, 315, 401; Chemistry 101, 102, 201 and 202 or 301 and 302; Mathematics 101, 102.
- VIII. General Medical Technology (Two-Year Program)—Biology 102, 301, 302, 306; Chemistry 101, 102, 301; Mathematics 101, 102.
- IX. Pre-Professional Nursing (Two-Year Program)—Biology 102, 201, 306; Chemistry 101, 102; Sociology 201, 202, 302, 303; Psychology 201.

DESCRIPTION OF COURSES

101, 102. *Introductory Biology*. Continuous course; lectures two hours; discussion one hour; laboratory four hours; five credits each semester. MR. BALDWIN and staff for botanical phase of course, first semester. MR. ALSTON and staff for zoological phase, second semester.

Structure and functions of the cell, structure and physiology of the flowering plant, survey of the plant kingdom; cells and tissues, morphology and physiology of a typical animal, survey of the animal kingdom.

201. *Comparative Anatomy of Vertebrates*. First semester; lectures three hours, laboratory six hours; four credits. Prerequisite: Biol. 102. MR. GRANT.

¹In cooperation with School of Forestry, Duke University. See page 231.





Phylogenetic study of the development of the different systems of the higher vertebrates. Dissections and demonstrations by the student.

202. *Embryology of Vertebrates*. Second semester; lectures three hours, laboratory six hours; four credits. Prerequisite: Biology 201 or consent of instructor. MR. GRANT.

Description and analysis of development in representative vertebrate embryos. Lectures and laboratory on the normal development of the frog, chick, and human; lectures, discussions, and experiments designed to illustrate the general principles governing growth and development.

206. *Plant Taxonomy*. Second semester; lectures two hours, laboratory six hours; four credits. Prerequisite: Biol. 101. MR. BALDWIN.

Phyletic relationships of flowering plants and of ferns; principles of classification; collection and identification of representative native plants.

*208. *Morphology and Phylogeny of Plants*. Second semester; lectures two hours, laboratory six hours; four credits. Prerequisite: Biol. 101. MR. BALDWIN and MISS SPEESE. (Not offered in 1955-1956.)

The morphology of representative plants from the various groups is studied in the laboratory and in the field. Some experiments are performed.

201. *Economic Botany*. Second semester; lectures three hours; three credits. Prerequisite: Biol. 101. MR. BALDWIN.

Centers of origin of cultivated plants; the systematic relations, geography, diseases, and economics of various plants, and discussion of their products.

301-302. *Microbiology*. Continuous course; lectures two hours, laboratory six hours; four credits. Prerequisites: Biol. 101, 102 and Chem. 101, 102 for Biol. 301; Biol. 301 for Biol. 302, and organic chemistry recommended. MISS BLANK.

The morphology, physiology, taxonomy, ecology, isolation, and culture of viruses, rickettsia, bacteria, yeasts, lower "molds," and pathogenic protozoa.

305. *Human Anatomy and Physiology*. First semester; lectures three hours, laboratory four hours; four credits. Prerequisite: Biol. 101, 102 or Chem. 101, 102 or Physics 101, 102. MISS BLANK.

Principles of the skeletal, muscular, circulatory, respiratory, and nervous systems as related to Physical and Health Education.

306. *Animal Physiology*. First semester; lectures three hours, laboratory four hours; four credits. Prerequisites: Biol. 102 and General Chemistry; Comparative Anatomy of Vertebrates, Organic Chemistry, and General Physics recommended. MISS BLANK.

Principles governing animal activities, behavior, and ecological adjustments. Training in the use of instruments is given; physiological experiments are performed.

311. *Animal Ecology*. First semester; lectures two hours, laboratory six hours; four credits. Prerequisites: Biol. 101, 102; Invertebrate Zoology recommended.

Relationships of animals to each other and to their environments. Recognition and description of representative biotic communities.

312. *Plant Physiology*. Second semester; lectures two hours, laboratory six hours; four credits. Prerequisites: Biol. 101 and General Chemistry. MR. ALSTON and MISS SPEESE. (Not offered in 1955-1956.)

Diffusion, osmosis, imbibition, transpiration, soils and soil-water relations, photosynthesis, digestion, translocation, respiration, and growth.

*315. *Invertebrate Zoology*. First semester; lectures three hours, laboratory four hours; four credits. Prerequisite: Biol. 102.

The morphology and ecology of representative types are studied in the field and in the laboratory.

*401. *Genetics*. First semester; lectures three hours, laboratory four hours; four credits. Prerequisite: Biol. 101, 102. MR. BALDWIN and MISS SPEESE.

Principles of heredity, variation, and evolution; hybridization experiments to demonstrate laws of heredity.

402. *Cytogenetics*. Second semester; lectures two hours, laboratory six hours; four credits. Prerequisite: Biol. 401. MR. BALDWIN and MISS SPEESE.

Components of cells as related to genetics. Preparation and study of chromosomes.

†403. *Problems in Biology*. All semesters; hours to be arranged; credit according to performance. Staffs of the Department of Biology and of the Virginia Fisheries Laboratory.

Supervised projects selected to suit the needs of the individual student. Training in biometry is offered under this category.

COURSES IN AQUATIC BIOLOGY

The courses listed below are primarily for the advanced student who plans to make Aquatic Biology his specialty. They are given at the Laboratory at Gloucester Point. As a supplement to the formal courses given below, the A.M. candidate will be given instruction in physical-chemical oceanography as available through the cooperation of the Chesapeake Bay Institute of The Johns Hopkins University, and in biometry under Biology 403. The special announcement issued by the Laboratory should be consulted for further details. Application for admission should be made to the Director, Virginia Fisheries Laboratory, Gloucester Point, Virginia.

*408. *Biology of Fishes*. First semester, 1954-1955, and alternate years; lectures, laboratory, and field trips 20 hours; four credits. Prerequisites: 13 credits in biology; Comparative Anatomy of Vertebrates desirable. MR. ANDREWS.

An introduction to the general biology of fishes. Classification; distribution; locomotion; respiration and excretion; food and growth; reproduction; migrations and populations.

*410. *Marine and Freshwater Invertebrates*. Summer session; lectures, laboratory, and field trips 20 hours; four credits. Prerequisite: Biol. 315, or Comparative Anatomy of Invertebrates. MR. HEWATT.

Classification and identification; adaptations; ecology; life histories. Local marine, estuarine, and freshwater forms emphasized.

*501. *Aquatic Biology Seminar*. All semesters; hours to be arranged; one credit each semester, maximum three credits. Required of graduate students each semester in residence. Prerequisite: graduate standing. MR. McHUGH.

The organization and public presentation of scientific data.

*502. *Fisheries Biology*. Second semester, 1954-1955, and alternate years; lectures four hours; four credits. Prerequisites: 13 credits in biology, and statistics or biometry. MR. VAN ENGEL.

Introduction to the theory of fishing and the collection of vital statistics. Age determination; rates of growth; fecundity and age at maturity; migrations; tagging and marking; mortality and recruitment; fluctuations in abundance; fishing gears and sampling problems.

*560. *Thesis*. All semesters; hours to be arranged; no credit. Prerequisite: graduate standing.

Original research in aquatic biology or fisheries. Project to be chosen in consultation with the student's major professor and the head of the biology department.

Business Administration

PROFESSORS LUCK (*Head of the Department*), COREY,
GIBBS and MARSH. ASSOCIATE PROFESSOR QUINN.
ASSISTANT PROFESSOR MIMS.

Experience and reason support the view that training for a successful career in business must rest upon a comprehensive education in the fields of human knowledge. Accordingly, the College of William and Mary requires during the first two years virtually the same program of liberal arts studies for students who plan to concentrate in Business Administration as it does for all other students. The last two years of more specialized work emphasize the fundamental principles of Business Administration, Economics, Accountancy, and Law. Opportunity is afforded for the integration of training in business with such fields as Psychology, Philosophy, Mathematics, Sociology, and Government and the election of courses from other departments. A five-year program leading to the degree of Master of Arts in Taxation (see page 172) is offered in cooperation with the Department of Economics and Government, and the Marshall-Wythe School of Law. Through a cooperative five-year plan with the Massachusetts Institute of Technology (see p. 229), opportunity is also provided for an integrated program in Business and Engineering Administration.

The Business Forum, which consists of a series of discussion meetings led by business men, provides students with information concerning the various fields of business.

REQUIREMENTS FOR CONCENTRATION

1. For concentration in Business Administration, 42 semester credits are required. In addition to courses in the Department of Business Administration, courses numbered above 300 offered by the Department of Economics and specifically approved courses in other departments will be accepted for concentration.
2. Principles of Accounting (Bus. 201, 202), Statistics (Econ. 331), Money and Banking (Econ. 301, 302), and Seminar in Business Economics (Bus. 428) are required.

Principles of Economics (Econ. 201, 202) should be elected during the sophomore year, since it is the prerequisite for advanced courses in Economics and Business Administration.

3. All students who plan to concentrate in Business Administration should follow the arrangement of courses for the freshman and sophomore years and one of the special programs of study for the junior and senior years which are outlined below.

NOTE: Students who select the program in Banking and Finance (VIII), or Business and Law (IX), should concentrate in Economics rather than in Business Administration. A concentration in Economics may also meet the needs of other students who are looking forward to a business career. See page 112 for statement of requirements for concentration in the Department of Economics.

RECOMMENDED PROGRAM FOR THE FIRST TWO YEARS

FRESHMAN YEAR	<i>Semester Credits</i>
English Language and Composition (Eng. 101, 102)	6
Foreign Language	6
History of Europe ¹ (History 101, 102) or Mathematics 101, 102 .	6
Biology, Chemistry, or Physics	10
Economic History of the United States (Econ. 102)	3
Physical Education	2
Total	33
SOPHOMORE YEAR	
English Literature (Eng. 201, 202), or Introduction to Fine Arts (Fine Arts 201, 202)	6
Foreign Language	6
History of Philosophy (Phil. 201, 202), Mathematics (Math. 101, 102), Introduction to Government and Politics (Govt. 201, 202), or History of Europe (History 101, 102)	6
Principles of Economics (Econ. 201, 202)	6
Principles of Accounting (Bus. 201, 202)	6
Physical Education	2
Total	32

¹Students electing History 101, 102 must take Philosophy 201, 202 or Mathematics 101, 102 in the sophomore year.

SPECIAL CONCENTRATION PROGRAMS

- I. General Business—Business 311, 312, 327, 426, 428; Economics 301, 302, 331, 423; Contracts or Business Associations I; Philosophy 301, 303, or Psychology 201; one other Economics course; one other Business Administration course; Marshall-Wythe Symposium; 21 credits of electives.
- II. Accountancy¹—Business 301, 302, 327, 401, 402, 403, 404, 405, 406, 428; Economics 301, 302, 331, 423; Contracts, Contracts and Sales, Negotiable Instruments, Marshall-Wythe Symposium; 9 credits of electives.
- III. Foreign Trade—Business 311, 312, 314, 327, 418, 428; Economics 301, 302, 303, 331, 401, 415, 416; 12 credits chosen from Business 327, 426, Government 321, 322, 324, 333, 334, 336, History 201, 202; Marshall-Wythe Symposium; 12 credits of electives.
- IV. Insurance²—Business 314, 327, 417, 418, 426, 428; Economics 301, 302, 331, 423, 424; Mathematics 205; Psychology 201; Contracts; Trusts and Estates; Marshall-Wythe Symposium; 15 credits of electives.
- V. Marketing—Business 311, 312, 313, 314, 327, 428; Economics 301, 302, 331, 401; Psychology 201; Contracts; Marshall-Wythe Symposium; 12 credits chosen from Business 418, 426, Economics 407, 415, 516, 431; Contracts and Sales; 12 credits of electives.
- VI. Personnel Administration—Business 327, 412, 426, 428; Economics 301, 302, 407, 408, 331; Psychology 201; Marshall-Wythe Symposium; 12 credits chosen from Business 417, 432, Economics 404, 431, Contracts, Government 341, 405, Psychology 202, 401; 15 credits of electives.

¹This program of study is designed to comply with the requirements for admission to the Certified Public Accountant Examination.

²Students interested in the actuarial field should concentrate in Mathematics. See page 177 for statement of requirements for concentration in the Department of Mathematics.

- VII. Statistics—Business 301, 327, 417, 426, 428, 432; Economics 301, 302, 331, 332, 403, 404, 431; Mathematics 201, 202; Sociology 309; Marshall-Wythe Symposium; 12 credits of electives.
- VIII. Banking and Finance¹—Business 426, Economics 301, 302, 331, 332, 401, 415, 416, 421, 422, 423, 424, 434; Mathematics 205; Negotiable Instruments; Marshall-Wythe Symposium; 12 credits of electives.
- IX. Business and Law¹—Business 406, 417, 426; Economics 301, 302, 331, 401, 407, 408, 421, 423, 434; Contracts, Business Associations I; Business Associations II or Negotiable Instruments; Constitutional Law I; Administrative Law; Marshall-Wythe Symposium; 6 credits of electives.

DESCRIPTION OF COURSES

201, 202. *Principles of Accounting*. Continuous course; lectures two hours, laboratory two hours; three credits each semester. MR. GIBBS and MR. QUINN.

A study of the elementary principles and procedures of individual proprietorship, partnership, and corporation accounting.

301, 302. *Intermediate Accounting*. Continuous course; lectures three hours; three credits each semester. Prerequisite: Bus. 201, 202. MR. GIBBS.

An analysis of balance sheets and profit and loss statements, together with the theory of valuation underlying the various accounts used in these statements.

311, 312. *Marketing Principles and Problems*. Continuous course; lectures three hours; three credits each semester. Prerequisite: Econ. 201, 202. MR. MIMS.

The work of marketing; structure and functions of distribution; planning marketing activities; problems in marketing management.

¹Students selecting this program should concentrate in Economics rather than Business Administration. See page 112 for statement of requirements for concentration in the Department of Economics. Principles of Accounting (Bus. 201, 202) should be elected during the sophomore year.

313. *Advertising*. Both semesters; lectures three hours; three credits each semester. Prerequisite: Econ. 201, 202 or consent of the instructor. MR. MIMS.

The relationship of demand stimulation to modern business management; building promotional programs; selection and use of media; measurement of results and control of efforts.

314. *Sales Management*. Second semester; lectures three hours; three credits. Prerequisite: Econ. 201, 202. MR. LUCK.

Sales research, organization, operation, control, and promotion; formulation of sales policies.

327. *Introduction to Business Enterprise*. First semester; lectures three hours; three credits. Prerequisite: Econ. 201, 202. MR. LUCK and MR. MIMS.

A survey of the general field of business management. Emphasis is placed on the internal organization and basic principles of management. Special attention is given to the interrelationships among personnel, production, sales, and financial problems.

401. *Advanced Accounting*. First semester; lectures three hours; three credits. Prerequisite: Bus. 201, 202, 301 and 302. MR. GIBBS.

The study of accounting for partnerships, consignments, insurance, receivers' accounts, and actuarial science.

402. *Advanced Accounting*. Second semester; lectures three hours; three credits. Prerequisite: Bus. 201, 202, 301, 302 and 401. MR. GIBBS.

Consolidated statements, estate accounting, and foreign exchange, together with an analysis of a number of problems given on the recent C. P. A. examinations are contained in this course.

403. *Cost Accounting*. First semester; lectures four hours; four credits. Prerequisite: Bus. 201, 202. MR. QUINN.

The fundamentals of job order, process, and standard cost accounting are taught through the use of problems and practice set materials. Use of cost accounting data for management purposes is stressed.

404. *Auditing*. Second semester ; lectures three hours ; three credits. Prerequisite: Bus. 201, 202, 301, 302 and 401, or permission of the instructor. MR. QUINN.

This course is designed to give the student a working knowledge of auditing procedures through the application of auditing principles. Standards and ethics of the public accounting profession and the preparation of audit reports are emphasized.

405. *Municipal and Governmental Accounting*. First semester ; lectures three hours ; three credits. Prerequisite: Bus. 201, 202. MR. QUINN.

Principles and practices of fund accounting are developed with emphasis upon their adaptation of state and local governmental units and institutions.

406. *Taxation*. Second semester ; lectures three hours ; three credits. Prerequisite: Bus. 201, 202. MR. QUINN.

A study of Federal income, social security, gift, and estate taxes with emphasis upon the determination of taxable income and the relationship with commercial accounting. This course is the same as the course listed by the Marshall-Wythe School of Law as Federal Taxation.

408. *Survey of Accounting*. Second semester ; lectures three hours ; three credits. MR. GIBBS.

A survey of the general field of accounting designed to meet the needs of students concentrating in fields other than Business Administration. This is the same course as that listed by the Marshall-Wythe School of Law as Legal Accounting. Open to students of academic Junior or Senior standing.

412. *Personnel Management*. Second semester ; lectures three hours ; three credits. Prerequisite: Econ. 201, 202. MR. LUCK.

A course in the principles and human relations problems involved in the administration of personnel. Among the topics included are job analysis and specification ; recruitment, selection, training and supervision of employees ; job evaluation and wage and salary administration ; employee representation and joint relations.

413. *Problems in Personnel Management.* Second semester; lectures three hours; three credits. Prerequisite: Econ. 201, 202, or permission of instructor. MR. LUCK.

This course is designed to familiarize the student with the human relations problems encountered in managing employees, and to develop in the student an administrative philosophy and knowledge of personnel techniques which would enable him to handle these problems.

417. *Personal Insurance.* First semester; lectures three hours, three credits. Prerequisite: Econ. 201, 202. MR. COREY.

A survey course dealing primarily with life insurance; the organization of the business; types of insurance contracts; policy conditions; and matters pertaining to reserves, surplus and dividends, and investments. Consideration is given to industrial, group, business life insurance, and pension plans. Evaluation is also made of taxation and regulatory provisions of state and federal governments.

418. *Property and Casualty Insurance.* Second semester; lectures three hours; three credits. Prerequisite: Econ. 201, 202. MR. COREY.

This course presents a survey of the general field of property and casualty insurance. Lines included are fire, ocean and inland marine, automobile, aviation, employers' liability and workmen's compensation, credit and title insurance, corporate bonding, and theft and other casualty coverages. Types of carriers, loss prevention and adjustment and problems of supervision are also studied. This is the same course as Economics 418.

†421. *Contracts.* First semester; lectures three hours; three credits. MR. WOODBRIDGE.

This is the standard law courses offered under the same title by the Marshall-Wythe School of Law. It is open to students of academic Junior standing who have completed satisfactorily at least one-half of their work toward the bachelor's degree. No credit will be given toward a law degree by students taking this course unless they shall have first completed satisfactorily three-fourths of their work toward the bachelor's degree.

425. *Production Management*. First semester; lectures three hours; three credits. Prerequisite: Economics 201, 202. MR. LUCK.

A course designed to familiarize the student with the production phase of business activity. Primary emphasis is on the internal aspects of the production department, but the relation of production to the other phases of the business are also considered.

426. *Government and Business Enterprise*. Second semester; lectures three hours; three credits. Prerequisite: Econ. 201, 202. MR. MARSH.

A study of the economic, legal, and political aspects of government regulation and taxation of, aid to, and competition with private business. This is the same course as Economics 426 and the course listed by the Marshall-Wythe School of Law as Government Regulation of Business.

428. *Seminar in Business Economics*. Both semesters; hours to be arranged; two credits. STAFF.

This course is required of all concentrators in Business Administration during the last semester of the senior year. It gives opportunity, through independent investigation and research and the preparation of a paper, to integrate principles studied in college courses and to relate them to particular areas of business in which the student may have a special interest.

432. *Application of Statistics to Economics and Business*. Second semester; hours to be arranged; two credits. Prerequisite: Econ. 201, 202 and 331. MR. HIRSCH.

This course affords opportunity to students of statistics to do independent study in selected fields of applied statistics.

Chemistry

PROFESSOR GUY (*Head of the Department*). ASSOCIATE

PROFESSORS ARMSTRONG and SANDS. ASSISTANT

PROFESSOR LUTZ. STOCK-KEEPER KATZ.

REQUIREMENTS FOR CONCENTRATION

The minimum number of semester hours required for concentration in Chemistry (except for pre-medical students) is thirty-seven and must include Chemistry 101, 102; 201, 202; 301, 302; 401, 402; Mathematics 201, 202; Physics 101, 102. At least three additional semester hours of chemistry must be chosen from Chemistry 303; 403, 404; 406; 407; 408; 409; 410. German or French or both are to be taken in satisfaction of the foreign language distribution requirement. A reading knowledge of German is highly desirable. It is strongly urged that Chemistry 201, 202 be taken in the sophomore year.

SPECIAL CONCENTRATION PROGRAMS

I. PROFESSIONAL TRAINING

The department is listed among those approved by the Committee on Professional Training of the American Chemical Society and those graduates who have met certain minimum standards established by this Committee may be certified to the Society for recognition by them as having received undergraduate professional training in chemistry. To meet these standards this concentration program must include Chemistry 101, 102; 201, 202; 301, 302; 401, 402; Mathematics 201, 202; Physics 101, 102 and sufficient additional chemistry to comprise the equivalent of at least sixty lecture hours (any two courses chosen from Chemistry 303, 403, 404, 408 *or* Chemistry 408, 410), and at least forty-five laboratory hours (Chem. 406 *or* Chem. 407). A reading knowledge of scientific German is also required.

II. PREPARATION FOR MEDICINE, DENTISTRY, AND PUBLIC HEALTH

The minimum number of semester hours for pre-medical students concentrating in chemistry is thirty. This program must

include Chemistry 101, 102; 202; 301, 302 and at least eight additional semester hours from Chemistry 201; 303; 401; 402; 403, 404; 406; 407; 408; 410. (Physics 101, 102 and Mathematics 201, 202 are prerequisites for Chemistry 401, 402.) German or French or both are to be taken to satisfy the foreign language distribution requirement.

DESCRIPTION OF COURSES

101, 102. *Elementary General Chemistry*. Continuous course; lectures three hours, laboratory four hours; five credits each semester. MR. GUY and MR. SANDS.

An introduction to the study of the common non-metallic and metallic elements with emphasis upon chemical laws and the development and application of chemical principles.

201, 202. *Analytical Chemistry*. Continuous course; lectures two hours, laboratory six hours; four credits each semester. Prerequisite: Chem. 101, 102. MR. ARMSTRONG.

Chemical equilibrium and qualitative analysis. Theory and practice of gravimetric and volumetric analysis. Additional lectures and laboratory hours will make it possible for students who require quantitative but not qualitative analysis to take Chem. 202 without Chem. 201.

301, 302. *Organic Chemistry*. Continuous course; lectures three hours, laboratory five hours; four credits each semester. Prerequisite: Chem. 101, 102. MR. LUTZ.

Chemistry of the aliphatic and aromatic series of organic compounds.

303. *History of Chemistry*. First semester; lectures two hours; two credits. Prerequisite: two years of college chemistry. MR. ARMSTRONG.

Lectures, assigned reading and written reports on the history of chemistry and the development of chemical theory.

401, 402. *Physical Chemistry*. Continuous course; lectures three hours, laboratory four hours; four credits each semester. Prerequisites: one year of college physics, quantitative analysis, and calculus. MR. GUY and MR. SANDS.

Gases; liquids and solids; chemical equilibrium; thermochemistry; chemical kinetics; atomic structure; electrochemistry.

403, 404. *Advanced Inorganic Chemistry*. Continuous course; lectures two hours; two credits each semester. Prerequisite: three years of college chemistry. MR. SANDS.

A study of the properties of the elements based on the periodic system, with special emphasis on the atomic structural basis for the periodic system.

406. *Advanced Quantitative Analysis*. Second semester; lecture one hour, laboratory four hours; two credits. Prerequisites: Chem. 201, 202. MR. ARMSTRONG.

A treatment of selected topics including electrolytic separations, organic analytical reagents and physico-chemical methods.

407. *Qualitative Organic Analysis*. First semester; lecture one hour, laboratory six hours; three credits. Prerequisites: Chem. 202, 301, 302. MR. LUTZ.

A study of the systematic methods of separation, purification, and identification of organic compounds.

408. *Advanced Organic Chemistry*. Second semester; lectures three hours; three credits. Prerequisites: Chem. 301, 302. MR. LUTZ.

A study of organic reactions from the standpoint of theory, mechanism, and application.

409. *Problems in Chemistry*. Any semester; hours to be arranged; credits according to the work accomplished. STAFF.

A course for the advanced student affording an opportunity for individual work on an assigned problem.

410. *Chemical Literature*. Second semester; lecture one hour; one credit. Prerequisite: five semesters of college chemistry. MR. LUTZ.

An introduction to the principal sources of chemical literature (journals, abstracts, handbooks, patents, etc.) and to the methods of conducting literature searches.

Economics

PROFESSORS TAYLOR (*Head of the Department*), COREY, MARSH,
and SOUTHWORTH. ASSOCIATE PROFESSORS QUINN and
SANCETTA. ASSISTANT PROFESSOR A. HIRSCH.
LECTURER E. HIRSCH.

REQUIREMENTS FOR CONCENTRATION¹

Concentration in Economics must include Econ. 201, 202, 301, 302, 331, and 434. Government 201, 202 and History 101, 102 should be taken by all those who concentrate in Economics. Two programs in the Department of Business Administration (Banking and Finance, and Business and Law) require concentration in Economics. The Department of Economics and the Marshall-Wythe School of Law cooperate in offering a five-year course in Economics and Taxation (see p. 172). Through a cooperative five-year plan with the Massachusetts Institute of Technology (see p. 229) opportunity is also provided for an integrated program in Economics and Engineering.

DESCRIPTION OF COURSES

102. *Economic History of the American People*. Second semester; lectures three hours; three credits. MR. SANCETTA.

This course explores and analyzes the economic growth of the United States from the colonial period to the present. Particular emphasis is placed on the economic factors contributing to American industrial growth.

201, 202.² *Principles of Economics*. Continuous course, lectures three hours; three credits each semester. This course is a prerequisite to all courses in Economics except Econ. 102, 303, 305, 331, 332, and 408. STAFF.

This course deals with the theory of market price, the theory of distribution, the theories of money and banking and of foreign

¹Those wishing to take the U. S. Civil Service Examination for Junior Economist should choose courses under departmental guidance.

²Econ. 201, 202 must be chosen by those electing Economics in satisfaction of distribution requirements.

trade and foreign exchange, as well as the practical problems associated with these aspects of economic systems. Labor problems, transportation, the trust problem, public finance, and possible reforms in the economic system as a whole are also studied. Special attention is given to current economic problems during the second semester.

301, 302. *Money and Banking*. Continuous course; lectures three hours; three credits each semester. Prerequisite: Econ. 201, 202. MR. SOUTHWORTH, MR. SANCETTA.

The nature of money, its origin and development; monetary standards, gold, bimetalism, and managed currency; the theory of value of money, the elements of foreign and domestic exchange, the principles of banking, the history of the development of the American banking system and the elements of monetary and banking policy as expressed in central banking and Treasury activities.

303. *World Resources*. First semester; lectures three hours; three credits. MR. SANCETTA.

A functional appraisal of the availability of agricultural and industrial materials in terms of the economic, social and technological factors affecting their use.

305. *Economic History of Europe*. First semester; lectures three hours; three credits. MR. SANCETTA.

The objective of this course is to give the student an understanding of modern European economic problems in the light of the historic development of Europe. The emphasis is on the economic history of Europe in the twentieth century.

331.¹ *Elementary Principles and Methods of Statistics*. Both semesters; lectures three hours, laboratory two hours; three credits each semester. MR. HIRSCH.

A survey of the basic tools of statistical research including graphs, frequency distribution, sampling, index numbers, time series, and simple linear correlation. The emphasis is on practical application.

¹Those who take the U. S. Civil Service Examination for Junior Statistician must present 6 semester credits in Statistics.

332.¹ *Advanced Methods in Statistics*. Second semester; lectures three hours; laboratory two hours; three credits. Prerequisite: Econ. 331. MR. HIRSCH.

A more intensive study of some of the topics considered in the first course, and in addition, some aspects of small sample theory, chi-square, analysis of variance, and non-linear, multiple and partial correlation will be considered. Examples will be taken from the fields of marketing research, quality control, opinion polls, and economic research.

401. *Transportation*. First semester; lectures three hours; three credits. Prerequisite: Econ. 201, 202. MR. MARSH.

A survey of the fundamentals of transportation, including the economics of transportation development, service rates, and regulation, with attention to problems of transportation policy.

403. *History of Economic Thought*. First semester; lectures three hours; three credits. Prerequisite: Econ. 201, 202. MR. HIRSCH.

A survey of economic thought from medieval times to the twentieth century. An attempt is made to read the great masterpieces of economics within the context of the times in which they were written. Special attention is given to the works of Smith, Ricardo, Malthus, John Stuart Mill, Karl Marx, and W. Stanley Jevons.

404. *Contemporary Economic Thought*. Second semester; lectures three hours; three credits. Prerequisite: Econ. 201, 202. MR. HIRSCH.

Alfred Marshall's *Principles* is the point of departure. After a detailed study of Marshallian system including its fundamental assumptions, consideration is given to theories of monopolistic and imperfect competition, indifference curve analysis and general equilibrium theory, twentieth century monetary theory and the theories of John Maynard Keynes. The last part of the semester is devoted to a study of the major contributions of the American "Institutionalist" school. An attempt is made to relate

¹Those who take the U. S. Civil Service Examination for Junior Statistician must present 6 semester credits in Statistics.

the theories with the social problems to which they were the intellectual responses.

405. *Comparative Economic Systems*. First semester; lectures three hours; three credits. Prerequisite: Econ. 201, 202. MR. TAYLOR.

Capitalism; Utopian, Marxian, and State Socialism; Communism, Fascism, The British Socialist Economy; The Economy of the Soviet Union.

407. *Labor Economics*. First semester; lectures three hours; three credits. Prerequisite: Econ. 201, 202. MR. TAYLOR.

The structure and objectives of both labor and management; collective bargaining; public control of labor relations; labor in politics; wage determination; social security.

408. *Labor Law*. Second semester; lectures three hours; three credits. (The same as *Labor Law*, p. 169). MR. TAYLOR

A study of cases, embracing the development of labor law; the right to strike, picket, boycott; antitrust laws and labor; labor injunctions; Federal and state labor relations acts; arbitration. Special emphasis is placed upon decisions of the United States Supreme Court.

415. *International Economics*. First semester; lectures three hours; three credits. Prerequisite: Econ. 201, 202. MR. SANCETTA.

This course develops the theory of international trade from the Mercantilists to the modern economists. The objective of the course is to give the student basic knowledge of analytical materials used by economists in the study of international economic problems.

416. *International Trade and Policies*. Second semester; lectures three hours; three credits. Prerequisite: Econ. 201, 202. MR. SANCETTA.

This course analyzes historically problems in tariffs and other protectionist devices, the effect of economic development on the pattern of world trade; problems in balance of payments equilibrium, foreign exchange, and international finance. Particu-

lar attention is focused on international economic developments since World War II.

418. *Property and Casualty Insurance*. Second semester; lectures three hours; three credits. Prerequisite: Econ. 201, 202. MR. COREY.

See the description of this courses under Bus. 418 on page 107.

421. *Public Finance*. First semester; lectures three hours; three credits. Prerequisite: Econ. 201, 202. MR. SOUTHWORTH.

The nature and application of the fundamental principles which apply to the obtaining, managing, and disbursing of the funds necessary for the performance of governmental functions. The American tax system is given detailed consideration.

422. *National Financial Policy*. Second semester; lectures three hours; three credits. Prerequisite: Econ. 201, 202. MR. SOUTHWORTH.

This course is primarily concerned with the policies of the Federal Reserve System and the Treasury in regard to the control of credit and the management of the public debt. It is preferable that the student should have had Econ. 301, 302, and 421, though they are not required as prerequisites.

423. *Corporation Finance*. First semester; lectures three hours; three credits. Prerequisite: Econ. 201, 202. MR. QUINN.

Topics covered include a brief history of corporate development; type of security issued; promotion, capitalization, ownership, management; sales and regulation of securities; income, working capital requirements, corporate expansion; failure and reorganization. Attention is given to the impact of taxation on corporate financing and to corporate responsibilities affecting the public interest.

424. *Investments*. Second semester; lectures three hours; three credits. Prerequisite: Econ. 201, 202. MR. QUINN.

This course is designed to aid the student in developing a broad perspective in the area of investment of personal and family savings. Studies are made of investment features of stocks, bonds, real estate, and other savings outlets; operation and regulation of securities markets; sources of investment information; securities price theories, and the effect of taxation upon invest-

ment policy. Part of the course is devoted to an analysis of current financial statements and reports issued by industrial, railroad, utility, banking, insurance, and public enterprises.

426. *Government and Business Enterprise*. Second semester; lectures three hours; three credits. Prerequisite: Econ. 201, 202. MR. MARSH.

See the description of this course under Bus. 426 on page 108.

431. *Business Cycle Theory*. First semester; lectures three hours; three credits. Prerequisites: Econ. 201, 202, and 331. MR. COREY.

The survey of cyclical fluctuations in American business activity, with particular stress upon their history, causes, and proposed methods of stabilization.

434. *Seminar*. Both semesters; hours to be arranged; two credits. Required of all concentrators in Economics during the senior year. MR. TAYLOR, MR. COREY, MR. SANCETTA.

Education

PROFESSORS OLIVER (*Head of the Department*) and CLEETON.
ASSOCIATE PROFESSORS DAVIS and HOLLAND. ASSISTANT
PROFESSORS HERRMANN, MACGREGOR and E. SWINEFORD.
SUPERINTENDENT OF THE WILLIAMSBURG SCHOOLS
J. RAWLS BYRD. PRINCIPAL OF THE MATTHEW
WHALEY SCHOOL GEORGE PITTS.

The following principles are considered fundamental in the functioning of the Department of Education:

1. A general background of content in liberal arts courses is a necessary prerequisite to professional training.
2. In addition to the material and methods courses, the professional training of the teacher demands a knowledge of the significant facts in the following fields:
 - a. Psychology, for an understanding of the basic principles of learning and behavior;
 - b. Philosophy, for an understanding of the theory underlying teaching practice;
 - c. Sociology and History, for an understanding of the school as a social institution.
3. Supervised teaching in elementary or high school classes provides the opportunity for experience in all phases of a teacher's responsibilities and for the development of a working point of view toward education.

The student teaching for the Department of Education is done at the Matthew Whaley School under the supervision of the faculties of the Department and the School.

ADMISSION REQUIREMENTS

Junior academic standing and a quality of scholarship considered satisfactory for successful teaching are required for admission. Under certification regulations of the Virginia State Board of Education, the credits earned in achieving Junior standing must include a minimum of 12 semester credits in English;

twelve semester credits in social studies, including *history of the United States*; 6 semester credits in natural science and/or mathematics; 6 semester credits in health and physical education. (See next paragraph for discussion of the requirement in health and physical education). It is considered desirable that courses in music and fine arts be included in the background of general education. Courses in music and fine arts need not be taken prior to enrolling in the Department of Education but may be included in any year of the student's program.

HEALTH AND PHYSICAL EDUCATION

The Virginia certification requirement in this area may be satisfied by 4 semester credits in required physical education plus Educ. 317—Health Education for Teachers. Other states have a similar requirement in health and physical education; therefore, students preparing to teach in states other than Virginia should include the suggested courses in their programs.

BUREAU OF RECOMMENDATIONS

The College maintains a Bureau of Recommendations to assist its graduates who plan to teach. No registration fee is charged, and all students who expect to teach are strongly urged to avail themselves of this service. If the students file complete records and cooperate with the Bureau, the College can be of assistance to those who go into teaching, not only at graduation but at later times.

CERTIFICATION

The courses in Education meet the professional requirements for certification in the State of Virginia and most of the other states. When students enroll for professional courses to meet certificate requirements in states other than Virginia, they should consult some member of the faculty of the Department of Education.

REQUIREMENTS FOR CONCENTRATION

ELEMENTARY EDUCATION

The following courses are required for concentration in Elementary Education: Education 301, E302, E304, E305, 317, E401-402 A or B, 404; Music 320 or 321, and Fine Arts 331.

Concentrators in Elementary Education, in consultation with members of the staff of the Department of Education, should elect courses in other departments, which should include intermediate and advanced courses in at least one subject field and preferably in two fields.

SECONDARY EDUCATION

The following courses are required for concentration in Secondary Education: Education 301, S302, 317, S401-402, S403, 404, 412. The remainder of the thirty hours required for concentration will be taken in intermediate or advanced courses in the field in which the student expects to teach.

Concentrators in Secondary Education desiring to qualify for teaching in a single field should select from courses normally accepted for concentration in the department concerned a minimum of twenty-four semester hours, which must include at least one or more courses at the advanced level.

Concentrators desiring to qualify for teaching in two fields, or in one field and student counseling, should elect in one field a minimum of twenty-four semester hours, including one or more courses at the advanced level, and in the second field the number of semester hours required by the state in which the student expects to teach for certification in that field.

In planning programs designed to prepare for teaching in one or two fields the cooperation of heads of other departments will be sought.

CONCENTRATORS IN OTHER DEPARTMENTS

Concentrators in departments other than Education may elect courses in Elementary or Secondary Education to qualify for a teaching certificate. Such students should take, in the sequence indicated, the courses with Education catalogue numbers.

SUGGESTED COURSE SEQUENCES

FOR TEACHING IN ELEMENTARY SCHOOLS

JUNIOR YEAR

	<i>Semester Credits</i>
Education 301—Fundamentals of Education	3
Education E302—Fundamentals of Elementary Education	3
Education E304—Materials and Methods in Elementary School ..	3
Education 317—Health Education for Teachers	3
Music 320—Music for Elementary School Teachers	3
or	
Music 321—Music in the Elementary School	
or	
Fine Arts 331—Principles of Functional Design	15
Electives	

SENIOR YEAR

Education E305—Materials and Methods in Elementary School ..	3
Education E401-A, E-402-A—Supervised Teaching, Primary Grades	6
or	
Education E401-B, E402-B—Supervised Teaching, Upper Ele- mentary Grades	3
Education 404—Foundations of Education Practice	
Music 320, or 321, or Fine Arts 331	3
Electives	15
Total	60

FOR TEACHING IN SECONDARY SCHOOLS

JUNIOR YEAR

	<i>Semester Credits</i>
Education 301—Fundamentals of Education	3
Education S302—Fundamentals of Secondary Education	3
Education 317—Health Education for Teachers	3
Education 412—Guidance and Personnel Work in Schools	3
Courses in a teaching field and electives to complete program	18

SENIOR YEAR

	<i>Semester Credits</i>
Education S403—Principles of Teaching in the Secondary School or Education S305—The Teaching of Latin	3
Education S401, S402—Supervised Teaching	
Education 404—Foundations of Education Practice	6
Courses in a teaching field and electives to complete program	3
	18
Total	60

NOTE: The required courses in Education for teachers in Physical Education are indicated in the statement of requirements for concentration made by that Department under "Courses of Instruction."

PROGRAM FOR GRADUATE STUDY

The student planning a course in advanced study leading to the degree of Master of Education should include in his program fifteen or eighteen semester hours of work in four basic fields of Education, distributed approximately as follows:

I. Foundations of Education	3 sem. hrs.
II. Guidance and Evaluation	6 sem. hrs.
III. Curriculum and Teaching	3 sem. hrs.
IV. Educational Research	3 or 6 sem. hrs.

In addition, the student will complete a minimum of twelve semester hours in a selected field of emphasis. The suggested fields of emphasis are: school administration, supervision of instruction, curriculum and instruction, guidance and counseling, and child development. Teachers who desire to secure greater competency in the content of a teaching field may include in their field of emphasis advanced courses in other subject fields of the College. Appropriate subjects are: Ancient Languages, Biology, Chemistry, English, Fine Arts, Mathematics, Modern Languages, Physical Education, Physics, and Social Studies. For other requirements of the M.Ed. degree, see pages 86-87.

Students planning a course in advanced study leading to the Degree of Master of Arts with specialization in Education should take at least fifteen semester hours of professional work; the

remaining portion of the 24 semester hours required for this degree should be in a related field. Courses in addition to the minimum specified in the preceding sentence may be required if deemed necessary by the head of either of the Departments concerned. The planning of a program for each student will receive attention in order to make provisions for his interests. For special requirements of the A.M. Degree see pages 84-86.

Education 501 is required of all students doing advanced work in the Department of Education. If the optional program (see page 87, Sec. D) is elected by the student, Education 502 is also required. Education 505, 506 and Education 508 are required of all students who desire to do advanced work in Secondary School Administration or Supervision. Education 509, 510 is required of all students preparing to be superintendents. Education 507 and 511, 512 are required of those preparing for administration and supervision in elementary education. Students wishing to specialize in the field of guidance and personnel should build their programs around Education 411, S414, and Psychology 401, 402.

*Semester
Credits*

Education 404—Foundations of Education Practice	3
Education 411—Diagnosis and Counseling	3
Education 414—Study of the Individual Pupil	3
Education 415—Evaluation of Instruction	3
Education 501—Research Methods in Education	3
Education 502—Scientific Study of Educational Problems	3
Education 505, 506—Curriculum Organization—Secondary School, and Supervision	6
Education 507—The Organization and Administration of Elementary Schools	3
Education 508—The Organization and Administration of Secondary Schools	3
Education 509, 510 — Educational Administration and School Finance	6
Education 511, 512—Curriculum Organization and Supervision in Elementary Education	6

DESCRIPTION OF COURSES

GENERAL COURSES

301. *Fundamentals of Education*. First semester; lectures three hours; three credits. MISS DAVIS, MR. MACGREGOR, MR. HERRMANN, MR. SWINEFORD.

Beginning course in both Elementary and Secondary Education. Teaching as a profession and a career; human growth and development; the psychology of learning; observation of children in school and community situations.

317. *Health Education for Teachers*. Both semesters; lectures three hours; three credits. MR. MEEKS.¹

This course deals with various aspects of health with which all teachers are concerned as professional workers with children in the school environment and as members of the school staff. Appropriate topics related to maintenance of health, control of disease, health agencies and the school health program will be studied.

404. *Foundations of Education Practice*. Second semester, lectures three hours; three credits. MR. HOLLAND.

A course planned to trace the development of the concept of the worth of the individual through the sociological, historical and psychological aspects of our culture. Out of this background will be developed a philosophy underlying modern public education.

412. *Guidance and Personnel Work in Schools*. Either semester; lectures three hours; three credits. MR. CLEETON, MR. HERRMANN.

A study of the fundamental principles of pupil guidance and current practices in school systems. Emphasis will be placed on the teacher's responsibilities in a program of guidance.

¹Assistant Professor of Physical Education.

SECONDARY EDUCATION

S302. *Fundamentals of Secondary Education*. Second semester; lectures three hours; three credits. MR. FARRAR, MR. HERRMANN, MR. MACGREGOR.

Growth of American secondary schools; aims and functions of Secondary Education; mental and physical equipment of secondary school pupils; the secondary school curriculum; problems and reorganization movements in Secondary Education.

S305. *The Teaching of High School Latin*. First semester; lectures three hours; three credits. Prerequisite: twelve semester credits in Latin. (See Latin 405.) MR. WAGENER.¹

S401, S402. *Supervised Teaching*. Continuous course; five days a week; three credits each semester. Prerequisites: senior standing, nine semester credits in Education; fifteen semester credits in each academic subject to be taught. MR. HOLLAND.

S403. *Principles of Teaching in the Secondary School*. First semester; lectures three hours; three credits. Prerequisite: fifteen semester credits in the subject of teaching choice. MR. HOLLAND and STAFF.

The course deals with problems of organizing instruction, selecting and using materials, and guiding learning in the several subject fields of the secondary curriculum. This course is required of all students preparing to teach in the secondary school.

ELEMENTARY EDUCATION

E302. *Fundamentals of Elementary Education*. Second semester; lectures three hours; three credits. MISS DAVIS.

The growth of the elementary school in America; the aims of education in general; the unique function and characteristics of the elementary school; curriculum-making and elementary school organization; school and community relations; and the professional development of elementary school teachers.

E304. *Materials and Methods in the Elementary School*. Either semester; lectures three hours; three credits. Education

¹Professor of Ancient Languages.

301 and E302 must precede or be taken as parallel courses. MISS DAVIS.

This course deals with the psychology of learning; the principles of teaching; planning the classroom programs; and methods and materials in the various areas in which learning experiences are provided for child development, such as: language arts, social studies, mathematics, science, health and physical education, and practical and fine arts.

E305. *Materials and Methods in the Elementary School*. First semester; lectures three hours; three credits. MISS DAVIS.

Continuation of E304. See description of preceding course for prerequisite and description of this course.

E401-A, E402-A. *Supervised Teaching, Primary Grades*. Continuous course; five days a week; three credits each semester. Prerequisite: Educ. E301, E302 and E304, E305, or parallel courses. MISS DAVIS.

E401-B, E402-B. *Supervised Teaching, Upper Elementary Grades*. Continuous course; five days a week; three credits each semester. Prerequisite: Educ. E301, E302 and Educ. 304, E305, or parallel courses. MISS DAVIS.

SPECIAL AND ADVANCED COURSES

402. *Educational Psychology*. Second semester; lectures three hours; three credits. MR. BROOKS.¹

The application of psychological principles to classroom teaching. Topics include: learning and transfer, child development, methods of measuring individual differences and achievement, and the adjustment of the teacher. This is the same course as Psychology 412.

411. *Diagnosis and Counseling*. First semester; lectures three hours; three credits. MR. HERRMANN.

A study of tools and techniques which may be used by teachers and counselors to improve their understanding of the problems of individual students. Includes interpretation of case data.

¹Associate Professor of Psychology.

414. *Study of the Individual Pupil.* Second semester; lectures three hours; three credits. MISS DAVIS, MR. HERRMANN.

This course deals with the significance of individual differences in children, the need for understanding each child and methods of teaching and guiding children individually.

S414. *Techniques of Counseling.* Second semester; lectures three hours; three credits. Prerequisite: Educ. 401. or equivalent. MR. HERRMANN.

An intensive study of techniques used in counseling with students. The course includes a study of techniques of effective interviewing and of techniques of assisting students in gaining insights into their personal problems. Extensive use is made of case data.

415. *Evaluation of Instruction.* First semester; lectures three hours; three credits. MR. CLEETON, MR. HERRMANN.

This course is designed to develop competence in constructing valid and reliable teacher-made tests to measure achievement of the pupils; to select and use standardized achievement and aptitude tests; and to use attitude and interest inventories.

419. *Mental Hygiene in the Classroom.* Either semester; lectures three hours; three credits. MISS DAVIS, MR. HERRMANN.

Study of the conditions under which wholesome mental and emotional growth takes place, and ways in which the classroom environment can contribute to such growth.

501. *Research Methods in Education.* Either semester; lectures three hours; three credits. MR. CLEETON, MR. HERRMANN, MR. OLIVER.

A study of the several methods and techniques generally employed in research with especial reference to their application in the solution of educational problems. This course is required of all graduate students in Education. For those students electing the optional program Educ. 502 is required in addition to Educ. 501.

502. *The Scientific Study of Educational Problems.* Either semester; lectures three hours; three credits. MR. CLEETON, MR. HERRMANN, MR. OLIVER.

This course is designed to introduce students to the application of scientific methods in Education and to provide expe-

rience in selecting problems, and in planning limited research studies in this field. This course in addition to Educ. 501 is required of all graduate students in Education electing the optional program.

505. *Curriculum Organization—Secondary School.* Either semester; lectures three hours; three credits. MR. CLEETON, MR. SWINEFORD.

A major course for teachers, principals, and supervisors. The course will deal with the philosophy underlying curriculum organization and with recent theories and practices in public, junior and senior high schools for the improvement of the curriculum.

506. *Supervision of Instruction.* Either semester; lectures three hours; three credits. MR. CLEETON, MR. SWINEFORD.

A major course for supervisors, principals, and administrative assistants in the elementary and secondary school, or for those preparing for these positions. This course will deal especially with the functions of the supervisor in curriculum revision and in the improvement of instruction. It will deal also with the supervisory responsibilities of principals and administrative assistants.

507. *The Organization and Administration of Elementary Schools.* Either semester; lectures three hours; three credits. MISS DAVIS.

A major course for teachers, principals, supervisors, and administrative assistants in the elementary school. The course will deal especially with the duties of the elementary principal as an administrator.

508. *The Organization and Administration of Secondary Schools.* Second semester; lectures three hours; three credits. MR. CLEETON, MR. SWINEFORD.

A major course for teachers, principals, and administrative assistants in the secondary school. This course will deal especially with the duties of the principal as an administrator.





509, 510. *Educational Administration and School Finance*. Continuous course; lectures three hours; three credits each semester. MR. CLEETON, MR. OLIVER, MR. SWINEFORD.

Required major course in advanced work for students preparing to be school superintendents. Problems in organization and finance of state, county, and city school systems will be considered.

511, 512. *Curriculum Organization and Supervision in Elementary Education*. Continuous course; lectures three hours; three credits each semester. MISS DAVIS.

The course deals with planning and organizing the curriculum of the elementary school, and with the supervisory procedures involved in working with teachers and others individually and in groups, in the interest of improving instruction.

517. *Basic Information and Records for Guidance Purposes*. Either semester; lectures three hours; three credits. MR. HERRMANN.

Study of the techniques of providing information regarding educational and occupational opportunities for students. Special attention will be given to records and other sources of information.

518. *Organization of Guidance Programs*. Second semester; lectures three hours; three credits. Prerequisite: Educ. 412, or equivalent. MR. HERRMANN.

A study of the procedures involved in organizing and developing guidance programs in schools.

*519. *Seminar in Guidance Problems*. Either semester; hours to be arranged; credits according to work done. Prerequisite: approval of instructor. MR. HERRMANN.

Planned for students who wish to undertake the study of special problems related to guidance and counseling.

530. *Project*. Hours to be arranged. MR. OLIVER.

560. *Thesis*. Hours to be arranged. MR. OLIVER.

EXTENSION PROGRAMS

The Department of Education offers on-campus and off-campus courses designed to meet the needs of school personnel in service and students who are unable to enroll in the regular sessions of the College. For students who are regularly enrolled in programs leading to a bachelor's or master's degree at the College of William and Mary these courses carry degree credit in conformity with the degree requirements of the College; other students receive extension credit. Classes may be scheduled in the evening or on Saturday morning as the groups enrolled may desire.

The College of William and Mary in cooperation with the University of Virginia offers graduate professional courses in the centers at Norfolk, Newport News, and Richmond. Credits earned in these courses may be applied to professional graduate degree programs at either institution up to a maximum of 9 semester hours. A student planning to enroll in any of these courses for credit on a program leading to a graduate degree should obtain admission to graduate study and secure approval of the course by his graduate adviser at the institution from which he wishes to receive the degree in order to be assured of receiving degree credit.

A special bulletin giving full details concerning the on-campus and off-campus programs may be secured by writing to Dr. Geo. J. Oliver, Director of Extension, College of William and Mary.

EXTENSION COURSES, 1953-1954

At Gloucester: *Methods and Materials of Fishery Management.*

MR. McHUGH.

At Hampton: *Problems in Evaluation.* MR. HOLLAND.

At Hampton: *Problems of the Classroom.* MR. CLEETON and STAFF.

At Dinwiddie: *Children's Literature.* MISS ELLMORE.

At Warwick: *Problems in Art Education.* MISS CHRISTIAN.

At Warwick: *Problems in Arts and Crafts Education.* MISS HYATT, MISS LEMMON, MR. ROSEBERG.

At Cradock: *Physical Education in the Elementary School*. MR. RAMSEY.

At Courtland: *Problems in Guidance*. MR. HERRMANN.

At Hampton Center: *Diagnosis and Counseling*. MR. HERRMANN.

At Hampton Center: *Social Problems*. MR. MASLOWSKI.

At Hampton Center: *Mental Health*. MISS DAVIS.

At Holland: *Problems in Arts and Crafts Education*. MRS. SASSER.

At Riverside Hospital: *Mental Hygiene*. MR. ORR.

At South Norfolk: *Music in the Elementary School*. MRS. HOLDEN.

At Courtland: *Evaluation of Instruction*. MR. HERRMANN.

At Norfolk Division: *Fundamentals of Elementary Education*. MR. MACGREGOR.

At Exmore: *Problems of Instruction—Science*. MR. FORBES.

At Oceana: *Problems of Instruction—Arts and Science*. MR. FORBES, MR. and MRS. BEVILAQUA.

At Hampton Center: *Modern Prose Literature*. MR. CLARK.

At Hampton Center: *Industrial Sociology*. MR. MASLOWSKI.

At Hampton Center: *Problems of Guidance*. MR. HERRMANN.

At Hampton Center: *Human Growth and Development*. MR. HOLLAND.

At Hampton Center: *Evaluation of Instruction*. MR. MACGREGOR.

At Portsmouth: *Problems in Art Evaluation*. MR. COURTNEY.

English Language and Literature

PROFESSORS JACKSON (*Head of the Department*), CLARK and JONES. ASSOCIATE PROFESSORS EVANS¹, FOERSTER, MCBURNEY, NEIMAN¹ and SUMMERSGILL¹. ASSISTANT PROFESSORS DAVIDSON and McCULLEY. INSTRUCTOR WALKER.
ACTING INSTRUCTORS EMMA, GIBSON, N.
HARKINS, LYNN and WILSON.

REQUIREMENTS FOR CONCENTRATION

A student concentrating in English must take English 201, 202, 209 and English 401, 402, or 403, 404, or 407, 408, or 409, 410, plus twenty-one additional hours.

DESCRIPTION OF COURSES

101, 102; 103, 104. *Grammar, Composition, and Literature*. Continuous courses; lectures three hours; three credits each semester. STAFF.

A review of grammar; regular themes; class readings and discussions; reports and conferences. (103, 104 is the same as 101, 102, with less emphasis on grammar and more on literature.)

201, 202. *English Literature*. Continuous course; lectures three hours; three credits each semester. Prerequisites: English 101, 102 or their equivalent.² STAFF.

A survey of English literature, with collateral readings, discussions, and reports.

206. *The Study of Words*. Second semester; lectures three hours; three credits. MR. JACKSON.

Words and their ways in English; etymology, semasiology; slang and other phenomena of language; names of persons and of places.

¹On leave of absence, 1955-1956.

²Students will normally complete the distribution requirements in English before beginning any 300 course in English.

*209. *Composition*. Both semesters; lecturers three hours; three credits. MR. FOERSTER and MR. WALKER.

Practice in writing under criticism; regular themes and conferences. The chief stress is placed on expository writing.

211. *Advanced English Grammar*. First semester; lectures three hours; three credits. MR. JACKSON.

Grammar for students preparing to teach; mastery of form and syntax.

303. *Epic and Romance*. First semester; lectures three hours; three credits. MR. NEIMAN.

A study of two major poetic forms, with special reference to *The Aeneid*, *The Divine Comedy*, and *Don Quixote*.

304. *Aspects of the European Novel and Drama*. Second semester; lectures three hours; three credits. MR. NEIMAN.

The study, with special reference to problems of form, of several plays and novels of continental Europe, chiefly of the nineteenth century.

305. *The Bible*. First semester; lectures three hours; three credits. MR. EVANS.

The origin of the documents comprising the Old Testament, and their transmission to us; their interpretation and their historical, literary, and religious significance; their influence on western civilization.

307, 308. *The English Novel*. Continuous course; lectures three hours; three credits each semester. MR. JONES.

First semester: the development of English prose fiction from its beginnings in the Elizabethan period through the novels of Jane Austen; second semester: the novel from Scott to the early twentieth century.

312. *Milton*. Second semester; lectures three hours; three credits. MR. JONES.

An intensive study of Milton's poetry, with special emphasis on *Paradise Lost* and *Samson Agonistes*. Selected pieces of Milton's prose are read and interpreted.

313. *Elizabethan Drama*. First semester; lectures three hours; three credits. MR. SUMMERSGILL.

A study of English drama from its origins to the age of Elizabeth, with special emphasis on the works of Christopher Marlowe.

314. *Jacobean Drama*. Second semester; lectures three hours; three credits. MR. SUMMERSGILL.

English drama from the age of Elizabeth to the closing of the theaters in 1642, with special emphasis on the plays of Ben Jonson and John Webster.

315, 316. *The English Drama*. Continuous course; lectures three hours; three credits each semester. MR. MCBURNEY.

First semester: the drama in England from 1660 to 1800; second semester: English drama from 1800 to 1950, with related continental plays, particularly those of Ibsen. Emphasis is placed upon main currents of English dramatic development and critical analysis of the texts.

317. *Contemporary Verse*. First semester; lectures three hours; three credits. MR. JONES.

English and American poetry of the twentieth century with intensive reading and interpretation of the verse of Yeats, Eliot, and Auden.

318. *Modern Prose Literature*. Second semester; lectures three hours; three credits. MR. CLARK.

Reading, analysis, and discussion of the principal American and British prose writers from 1890 to the present, chosen to illustrate contemporary tendencies in matter and technique.

319, 320. *Poetry and Prose of the English Romantic Movement, 1780-1830*. Continuous course; lectures three hours; three credits each semester. MR. NEIMAN.

First semester: the background of the conventions of the period is traced, with special emphasis on Blake, Wordsworth, and Coleridge. Second semester: studies in Byron, Shelley, Keats, and their circle. (Not offered in 1955-1956.)

321, 322. *English Poetry and Prose of the Victorian Period.* Continuous course; lectures three hours; three credits each semester. MR. NEIMAN.

First semester: literature of the early Victorian period, especially Carlyle, Macaulay, Tennyson, Browning, and Newman. Second semester: literature of the later Victorian period, with particular emphasis on Arnold, Ruskin, the Pre-Raphaelite circle, Pater, Swinburne, and Meredith.

325, 326. *Literature of the Eighteenth Century.* Continuous course; lectures three hours; three credits each semester. MR. FOERSTER.

Close study and discussion of literary masterpieces of the eighteenth century, including selected novels and plays, from Addison and Steele through Samuel Johnson.

327, 328. *Literature of the English Renaissance.* Continuous course; lectures three hours; three credits each semester. MR. EVANS.

The transition from medieval to modern modes of thought and feeling as reflected in sixteenth and seventeenth century poetry and prose. Emphasis on the philosophic and religious ideas and attitudes of the period. In the first semester, Spenser is the chief author studied; in the second, John Donne.

*329, 330. *Advanced Writing.* Continuous course; lectures three hours; three credits each semester. MR. JONES.

This course is intended for the student who has demonstrated some talent for writing. He is encouraged to develop his individual interests and creative capacities. Extensive practice in the several types of writing. The course is conducted as a seminar; manuscripts are read and criticized informally by members of the class.

333. *Writing the Short-Story.* First semester; lectures three hours; three credits. MR. CLARK.

A workshop course in the problems and techniques of writing short fiction, designed for those who expect to write as a hobby or a career. Class discussion, conferences, and criticism by the class of one another's manuscripts.

401, 402. *Old English*. Continuous course; lectures three hours; three credits each semester. MR. DAVIDSON.

Grammar, vocabulary, syntax, and easy reading; all of the text of *Beowulf* is read.

403, 404. *Chaucer*. Continuous course; lectures three hours; three credits each semester. MR. JACKSON and MR. SUMMERSGILL.

A study of the language and the writings of Chaucer, as well as the mediaeval background.

405, 406. *Shakespeare*. Continuous course; lectures three hours; three credits each semester. MR. JACKSON.

All of Shakespeare's plays in chronological sequence; detailed examination of the four great tragedies; the sonnets and the lesser verse.

407, 408. *English Language*. Continuous course; lectures three hours; three credits each semester. MR. JACKSON.

History of the language; phonetics, principles, philology.

*409, 410. *Scandinavian*. Continuous course; lectures three hours; three credits each semester. MR. JACKSON.

Introductory matter preparatory to easy readings; sagas and Eddas. (One meeting a week will be held in the evening in the instructor's study.)

*412. *Literary Criticism*. Second semester; lectures three hours; three credits. MR. EVANS.

Through a study of major literary critics, this course attempts to develop an awareness of the function, problems, and value of criticism, and to help formulate a reasoned and discriminating view of literature.

415. *American Literature to the Civil War*. First semester; lectures three hours; three credits. MR. CLARK.

A survey course covering the period from 1607 to 1860, and emphasizing not only the chief writers and their works but also the cultural trends and principles that have been basic in American life and thought.

416. *American Literature from the Civil War to the Present.* Second semester; lectures three hours; three credits. MR. CLARK.

Literary and cultural analysis of American writing since 1860, and of the factors contributing to its development.

†450. *Individual Reading.* Either semester; conference and reports; credit according to work done. STAFF.

Directed readings in assigned authors, subjects, fields, or periods.

Fine Arts

ASSOCIATE PROFESSORS THORNE (*Head of the Department*),
HUNT and NEWMAN. ASSISTANT PROFESSORS HAAK,
ROSEBERG, SCAMMON and SHERMAN. INSTRUCTOR
McCONKEY. LECTURERS DEARSTYNE, KOCHER,
and S. SWINEFORD.

The Department of Fine Arts is composed of two sections:
(1) Architecture, Sculpture, and Painting; (2) Theatre.

REQUIREMENTS FOR CONCENTRATION

Students concentrating in Fine Arts must take Fine Arts 201, 202, and 401, 402, and a minimum of 24 additional credits in the Department. A maximum of 21 technical and a total of 42 credits is allowed in a subject field or department.

SPECIAL PROGRAMS OF STUDY

- I. History of Art: Fine Arts 303, 304, 403, 404, 405, 406; one other course in Fine Arts should be included.
- II. Architecture: Fine Arts 211, 212, 213, 214, 303, 313, 314, 405.
- III. Sculpture: Fine Arts 211, 212, 215, 216, 304, 317, 318, 404.
- IV. Painting: Fine Arts 211, 212, 306, 315, 316, 403, 404, 406.
- V. Theatrical Design and Techniques: Fine Arts 211, 212 or 213, 214, 217, 218, 219, 220, 309, 310.
- VI. Acting and Directing in the Theatre: Fine Arts 217, 218, 309, 310, 321, 322, 421, 422.

DESCRIPTION OF COURSES

201, 202. *Introduction to the Arts*. Continuous course; lectures three hours; three credits each semester. STAFF.¹

The development of architecture, sculpture, painting, music, and theatre from the earliest times to the present day. Open to freshmen with the permission of the Chairman.

¹Mr. Haigh of the Music Department lectures in Fine Arts 202.

211, 212. *Elementary Drawing*. Continuous course; studio six hours; three credits each semester. MR. SHERMAN.

Creative experience in various media, with emphasis on the visual elements of design. A basic course for practical work in architecture, sculpture, painting and theatrical design.

213, 214. *Elementary Architectural Design*. Continuous course; studio six hours; three credits each semester. MR. DEARSTYNE, MR. KOCHER.

An introductory course in architecture, covering the basic requirements of the planning and designing of buildings.

215, 216. *Elementary Sculpture*. Continuous course; studio six hours; three credits each semester. MR. ROSEBERG.

A practical course in the use of the sculptor's tools and materials which will include work in ceramics.

217, 218. *Elementary Course in Stagecraft*. Continuous course; workshop six hours; three credits each semester. MR. HAAK.

Technical problems: working drawings, construction, scene painting, rigging and handling of scenery, properties, lighting, backstage organization, and sound effects. Students in this course will act as technicians for the William and Mary Theatre productions.

219, 220. *Elementary Design*. Continuous course; studio six hours; three credits each semester. MR. SHERMAN.

An introduction to the problems of the scene-designer. Students in this course will act as technicians for the William and Mary Theatre productions.

241. *The Art of Photography*. Both semesters; lectures two hours; two credits each semester. MR. SHERMAN.

Experimentation towards an understanding of the limitations and potentialities of the photographic medium as a means of expression.

242. *History and Appreciation of the Motion Picture*. Second semester; lectures two hours; laboratory two hours; two credits. MR. HAAK.

Historical development in Europe and America and survey of organization, management, and mechanical processes in production. In laboratory, historic and current films illustrating lecture material will be shown.

303, 304. *Art in the Ancient World*. Continuous course; lectures three hours; three credits each semester. MR. NEWMAN, MR. ROSEBERG.

The first semester will be devoted to architecture, the second semester to sculpture.

305, 306. *Colonial American Art*. Continuous course; lectures three hours; three credits each semester. MR. NEWMAN, MR. THORNE.

The first semester will stress architecture of the eighteenth century. The second semester will stress the painting of the Colonial period.

307, 308. *Art in the Modern World*. Continuous course; lectures three hours; three credits each semester. MR. THORNE, MR. ROSEBERG, MR. NEWMAN.

Architecture, painting, and sculpture in the nineteenth and twentieth centuries. This course is designed for juniors and seniors with no special knowledge of Fine Arts who wish some knowledge and appreciation of Modern Art.

309, 310. *History of the Theatre*. Continuous course; lectures three hours; three credits each semester. MISS HUNT.

The history of the forms of the drama, development of the theatre and techniques of the stage.

313, 314. *Advanced Architectural Design*. Continuous course; studio six hours; three credits each semester. MR. DEARSTYNE, MR. KOCHER.

A second year course in architectural design. A continuation of Fine Arts 213, 214, dealing with building groups and community relationships.

315, 316. *Painting*. Continuous course; studio six hours; three credits each semester. MR. THORNE.

An introductory course in the various media of painting: painting in oil, tempera and emulsion.

317, 318. *Advanced Sculpture*. Continuous course; studio six hours; three credits each semester. MR. ROSEBERG.

Compositions in relief and in the round, development of original designs from preliminary sketch to completed work in wood, plaster, stone, and ceramics.

321, 322. *Acting*. Continuous course; lectures three hours; three credits each semester. MISS HUNT.

Critical analysis and appreciation of acting. Presentation of individual and group scenes. (Not offered, 1955-1956; to alternate with Fine Arts 421-422.)

323. *Play Writing*. Lectures three hours; three credits.

A course in the writing of one-act plays. (Not offered, 1954-1955.)

331. *Principles of Functional Design*. Both semesters; lecture one hour; studio six hours; three credits each semester. MRS. SWINEFORD.

An introductory course in the design of ceramics, weaving, plastics, leather-work, wood-work and the serigraph.

401, 402. *Art and the Twentieth Century*. Continuous course; lectures one hour, two hours seminar; three credits each semester. STAFF.

Lectures, discussion, and research concerning the major problems and potentialities of the arts in the contemporary world. A special field, Architecture, Painting, Sculpture, or Theatre will be selected for concentration seminar work in relation to the general art problems considered in the lectures.

403. *Oriental Art*. First semester; lectures three hours; three credits. MR. ROSEBERG.

History of the architecture, painting, and sculpture of the Orient.

404. *Medieval Art*. Second semester; lectures three hours; three credits. MR. NEWMAN.

History of the architecture, painting, and sculpture of the Middle Ages.

405, 406. *Renaissance Art*. Continuous course; lectures three hours; three credits each semester. MR. NEWMAN, MR. THORNE.

Architecture and painting of the Renaissance. (Not offered, 1955-1956; to alternate with Fine Arts 305-306.)

410. *Symposium on the Life and Arts of Colonial Virginia*. Both semesters; lectures two hours; two credits each semester. MR. NEWMAN.

A course that will study the religion, literature, education, politics and their relation to the arts in Colonial Virginia. Colonial Williamsburg will be used as a laboratory with visits to other historic sites.

†411. *Problems in Fine Arts*. Any semester; hours to be arranged; credits according to work done. STAFF.

This course is for the advanced student and is arranged on an individual basis.

415, 416. *Advanced Painting*. Continuous course; studio six hours; three credits each semester. MR. THORNE.

Compositions in various media to be planned for exhibition. The development of original designs from the sketch to completed work in oil, tempera, encaustic and etching.

421, 422. *Direction*. Continuous course; lectures three hours; three credits each semester. MISS HUNT.

Principles of choosing the play, casting, rehearsals, and performances. Special emphasis on directing one-act plays.

Government

PROFESSORS MOSS (*Head of the Department*) and PATE. ASSO-
CIATE PROFESSOR CHOU. ASSISTANT PROFESSORS
FRISCH and HAMILTON.

REQUIREMENTS FOR CONCENTRATION

History 101, 102 and Economics 201, 202 should be taken by all who concentrate in Government but these courses do not count toward the concentration.

The Government concentration consists of forty-two hours of coherently related work selected by the student with the approval of the head of the department. Thirty hours must be taken under persons on the staff of the department. Twelve hours may be taken elsewhere in the College.

Students planning to continue their studies beyond the bachelor's degree are expected to take Government 415, 416, which is concluded by a comprehensive examination.

Students with a professional or vocational interest in the field of Government are advised to take one or more years of graduate work beyond the bachelor's degree.

SPECIAL CONCENTRATION PROGRAMS

Each student's program is planned individually in consultation with the head of the department. The following combinations of courses are suggested as being appropriate ones and within each the student may choose a total of forty-two hours of credit.

American Government: Government 201, 202; 301; 302; eighteen additional hours in Government and twelve hours from the following: Business 426; Economics 407; 415; History 201, 202; 423, 424.

Administration: Government 201, 202; 341; 342; eighteen additional hours in Government and twelve hours from the following: Business 327; 405; 412; 426; Constitutional Law.

British Area: Government 201, 202; 310; 333; eighteen additional hours in Government and twelve hours from the following: History 409, 410; 412; 417, 418.

Comparative Government: Government 201, 202; 306; 310; 333; 336; twelve additional hours in Government and twelve hours from the following: Economics 405; History 412; 417, 418; Sociology 405.

International Relations: Government 201, 202; 310; 314; 321; 322; 324; 333; 336; three additional hours in Government and twelve hours from the following: Economics 303; 415; 416; History 419; 427, 428.

Political Theory: Government 201, 202; 303, 304; eighteen additional hours in Government and twelve hours from the following: Economics 403, 404, 405; History 409, 410; 412; Legal History; Legal Philosophy; Philosophy 303; 304; 305; 308; 406; Sociology 313; 316; 405; 428.

Politics: Government 201, 202; 305; 306; eighteen additional hours in Government and twelve hours from the following: History 201, 202; 423, 424; Psychology 304; Sociology 306, 309; 428.

DESCRIPTION OF COURSES

201, 202. *Introduction to Government and Politics.* Continuous course; lectures three hours; three credits each semester. STAFF.

In the first semester the student is introduced to the nature of political problems and the operation of political institutions. Chief attention is given the problems and institutions of the United States but comparisons are made with Britain, Canada, France, and other countries. In the second semester the student will study international relations. Emphasis is given to the concept of peace as a continuous political process rather than as a static condition.

301. *American Constitutional Development.* First semester; lectures three hours; three credits. MR. FRISCH.

An analysis of the constitutional basis of American Government with emphasis upon the part played by the courts in adapting the constitution to the needs of a changing society.

303, 304. *Survey of Political Thought.* Continuous course; lectures three hours; three credits each semester. MR. FRISCH, MR. MOSS.

The first semester is a study of the views concerning the nature and purpose of government, the bases for these views in theology and metaphysics, and the influence of these views upon the course of history. The first semester begins with Plato and concludes with Luther, Calvin, and Hooker. The second semester begins with Machiavelli and follows the secularization of politics through to the present neo-religious conflicts of Fascism, Communism, and liberal Democracy.

306. *Political Parties.* Second semester; lectures three hours; three credits. MR. MOSS.

An analysis of the nature, sources, and organization of political power, and of the factors governing its conquest and surrender. The course deals chiefly with American politics but makes comparisons with politics of other countries. Special attention is given the problem of analyzing and reporting political situations.

308. *American National Government.* Second semester; lectures three hours; three credits. MR. FRISCH.

A study of the institutions and operation of the national government of the United States.

310. *Government and Politics in the British Isles.* Second semester; lectures three hours; three credits. MR. MOSS.

A study of political institutions and political behavior in the United Kingdom and Eire. Special attention is given comparisons with the United States and the parliamentary democracies of the Commonwealth and Western Europe.

311. *European Parliamentary Governments.* First semester; lectures three hours; three credits. MISS HAMILTON.

A study of the operation of parliamentary governments in Western Europe. Special attention will be given the government of France.

314. *Geography.* Second semester; lectures three hours; three credits. MISS HAMILTON.

A study of the arrangement and distribution of both physical and cultural features of the world as a whole, followed by detailed consideration of the geographic nature of individual coun-

tries. Special consideration is given the broad patterns of climate, landforms, resources, and population distribution as well as the geographic nature of the major political units.

321. *American Foreign Policy*. First semester; lectures three hours; three credits. MR. CHOU and MISS HAMILTON.

An historical survey of the foreign relations of the United States including a study of the basic principles and interests underlying American foreign relations and including the origins of American foreign politics in Europe, Latin-America and the Far East. Especial attention is given the period since 1900.

322. *International Organization*. Second semester; lectures three hours; three credits. MISS HAMILTON.

A study of the development of the structures and procedures of international organization, and of the methods for pacific settlement of international disputes. Special attention will be given the League of Nations and the United Nations and the gains and failures of these organizations.

324. *International Law*. First semester; lectures three hours; three credits. (See Marshall-Wythe School of Law, page 169.) MR. CHOU.

A survey of the general principles and theories of international law, coupled with case studies. Emphasis is given to the practice of international law by the major powers as well as to the new problems of international law which have arisen as a result of the recent war. The position of war in international law is also dealt with. The completion of sixty semester credits is a prerequisite for students in this course.

333. *The British Isles*. First semester; lectures three hours; three credits each semester. MR. MOSS.

A study of the background of contemporary politics and thought in the British Isles. Special attention is given comparisons with the United States and the Commonwealth nations.

334. *The Soviet Union*. Second semester; lectures three hours; three credits. MR. CHOU.

A study of the political and economic systems of the Soviet Union and a brief survey of the historical roots of Soviet Foreign

Policy. Attention will be given to communism as a world movement.

336. *The Far East*. Second semester; lectures three hours; three credits. MR. CHOU.

A survey of the national and international politics of China, Japan, Soviet Asia, Indonesia, the Philippines, Siam, Indo-China, Burma and Korea. There will be interpretation of the social, economic, and cultural background of these countries and an evaluation of the conflict of interests among the Western Powers in Asia. Emphasis is placed upon the period since the first World War and upon the future outlook of Asia.

341. *Administration*. First semester; lectures three hours; three credits. MR. PATE.

An introduction to the study of public administration.

342. *American State Government and Administration*. Second semester; lectures three hours; three credits. MR. PATE.

A study of the states in the federal union, the nature of state constitutions, the structures of state government, and the problems of state administration.

343. *Local Government and Administration*. First semester; lectures three hours; three credits. MR. PATE.

A study of the local community with reference to the structure and the services of local governments. Principles and problems are used as bases of a work program with the aim of assisting the student to become an informed and active citizen of his community. An analysis of local citizenship in terms of civic action required to utilize municipal institutions to create an environment favorable for community life.

402. *American Political Thought*. Second semester; lectures three hours; three credits. MR. FRISCH.

An analysis of the broader aspects of American political thought, indicating the forces and events which have shaped it.

403. *Community Planning*. Second semester; lectures two hours; field work one hour; three credits. MR. PATE.

A study of the principles and procedure in developing the city plan which includes a survey of the community's population,

and the physical and economic characteristics. Upon this basic data is projected a plan for the community's future orderly development with reference to such programs as school sites, park and recreational facilities, street design and traffic control, the securing and safeguarding of water supply, disposal of waste, and the community's appearance. The Williamsburg city plan will be used to illustrate the plan's content and the procedures used in its making. A major part of this study is given to developing an outline plan for a small community—preferably the student's home community.

405. *Municipal Management*. First semester; lectures three hours; three credits. MR. PATE.

A study of management as a profession, the manager's relation to the council, to the administrative agencies and to the public. Special attention is given the methods of management, municipal planning, and the problem of metropolitan areas.

406. *Administrative Law*. Second semester; lectures three hours; three credits. (See Marshall-Wythe School of Law, Page 167.) MR. PATE.

A study of economic and social forces in regulatory action by administrative tribunals. The rule-making and adjudicative procedures by federal and state administrative tribunals and the remedies against administrative action will receive special consideration. The completion of sixty semester credits is a prerequisite for students in this course.

407. *Municipal Corporations*. First semester; lectures three hours; three credits. (See Marshall-Wythe School of Law, Page 169.) MR. PATE.

The completion of sixty semester credits is a prerequisite for students in this course.

411. *Political Theory of the Reformation*. First semester; lectures three hours; three credits. MR. MOSS.

A study of the influence of theological ideas on political practice in the transition from medieval institutions to the national state, and especially of the struggle to give expression to Protestant ideas and to formulate the ideas of democracy and toleration.

412. *Political Theory of the Industrial Revolution*. Second semester; lectures three hours; three credits. MR. MOSS.

A study of the Nineteenth Century background, Utilitarian reformism, Hegel and Marx, and the effort of English Idealists to reconcile liberalism and political absolutism.

†415, 416. *Senior Seminar*. Continuous course; seminars two hours; consultation one hour; three credits each semester. STAFF.

Each student will present a draft of his research paper which he will write under the direction of a member of the department and with whom he will meet in consultation. The course is concluded with a comprehensive examination which will cover a selected list of classics in political science, a set of questions on the methodology and basic concepts of political science, and a general question relating the student's chosen combination of courses to the general field of learning. The grade for the course will be based upon this examination, the collective judgment of the members of the staff regarding the student's participation in the seminar, and on his original research paper.

*417, 418. *Seminar in Contemporary Political Theory and Institutions*. Continuous course; seminar three hours; three credits each semester. MR. MOSS.

A study of some aspects of contemporary thought and institutional developments. Original essays will be written by each student and discussed by the class.

History

PROFESSORS MORTON (*Head of the Department*), FOWLER and
WYATT. ASSOCIATE PROFESSORS ADAIR and McCULLY.
ASSISTANT PROFESSOR ABBOT. LECTURERS
CAPPON, CARSON and COGAR.

REQUIREMENTS FOR CONCENTRATION

Concentration in history requires thirty-six semester hours in history including History 101, 102, 201, 202. French and German are recommended for students planning to concentrate in history. Students preparing to enter graduate school should take History 401, 402.

DESCRIPTION OF COURSES

EUROPEAN HISTORY

101, 102. *History of Europe*. Continuous course; lectures three hours; three credits each semester. MR. FOWLER, assisted by MR. ABBOTT, MR. McCULLY, and MISS WYATT.

A general introduction to the history of Europe from the end of the Roman Empire to the present time. The first semester goes to 1715; the second, from 1715 to the present day.

301, 302. *The Ancient World*. Continuous course; lectures three hours; three credits each semester. MR. RYAN.¹

Ancient civilization from prehistoric times to the downfall of the Roman Empire. The first semester deals with the ancient Orient and Greece, up to B. C. 338; the second semester deals with Alexander, the Hellenistic World, and Rome. (Same as Greek 311-Latin 312.)

407, 408. *Europe and the French Predominance in the Seventeenth and Eighteenth Centuries*. Continuous course; lectures three hours; three credits each semester. MR. McCULLY.

¹Professor of Ancient Languages.

After an examination of sixteenth century Europe, the course traces the political and cultural development of France and its expansion overseas from the Renaissance to the Age of Enlightenment.

409, 410. *England Under the Tudors and Stuarts*. Continuous course; lectures three hours; three credits each semester. Prerequisite: History 101, 102. MR. FOWLER.

The first semester, 1485-1603; the second semester, 1603-1714.

412. *Constitutional History of Modern England*. Second semester; lectures three hours; three credits. MR. McCULLY.

A survey of English constitutional development from the end of the Middle Ages to the present. The course stresses the Tudor strong monarchy, the conflict of Crown and Parliament under the Stuarts, the Revolution of 1688 and the establishment of the limited monarchy, the rise of cabinet government, the growth of democracy, and the development of the civil service. (See Marshall-Wythe School of Law, page 168.)

417, 418. *The British Empire*. Continuous course; lectures three hours; three credits. MR. McCULLY.

First semester, the formation and development of the old Colonial Empire through the American Revolution. Second semester, the rise of the new Empire through the nineteenth and twentieth centuries to the establishment of the British Commonwealth of Nations.

419. *Contemporary Europe*. First semester; lectures three hours; three credits. Prerequisite: History 101, 102. MR. FOWLER.

The history of Europe since 1919.

427, 428. *Europe, 1815-1914*. Continuous course; lectures three hours; three credits each semester. Prerequisite: History 101, 102. MR. FOWLER.

The history of the major states of Europe and their international relations. In the second semester, special emphasis is placed on the background of World War I.

AMERICAN HISTORY

201, 202. *American History*. Continuous course; lectures three hours; three credits each semester. MR. ADAIR, assisted by MR. ABBOTT.

The development of the United States. Special emphasis is placed on the period since 1776.

*401, 402. *Topics in American History*. Continuous course; lectures three hours; three credits each semester. Prerequisite: History 201, 202, or its equivalent. MR. MORTON.

A seminar course which gives the student an opportunity for independent study under guidance, and practice in presenting the result of his work to the class. Attention is paid to historical materials in the library and to the preparation of manuscripts.

403, 404. *Virginia, the Colony and the Commonwealth*. Continuous course; lectures three hours; three credits each semester. MR. MORTON.

The political, cultural, social, and economic development of Virginia—the Colony, the first semester; the Commonwealth, the second semester.

405, 406. *Early American History*. Continuous course; lectures three hours; three credits each semester. Members of the staff of the Institute of Early American History and Culture.

The Colonial Period, Revolution and Confederation, the Federalist and Jeffersonian Eras. Special stress is laid on the ideas and institutions which developed in British North America and which, in the course of the struggle for independence and the formation of the union of states, emerged as a distinctive national culture. The course divides at the year 1776.

*413. *American Social History of the Eighteenth Century*. Both semesters (first semester repeated second semester); lectures three hours; three credits. MR. COGAR.

The social side of the American scene during the eighteenth century. Restored Williamsburg, its background, origin, and nature are carefully studied.

415, 416. *Social History of the United States Since the Eighteenth Century*. Continuous course; lectures three hours; three credits each semester. MR. MORTON.

An account of the everyday life of the people and of those factors which helped to shape their social and cultural ideas and history.

*423, 424. *Recent American History, Since 1865*. Continuous course; lectures three hours; three credits each semester. MR. ADAIR.

The historical development of the political and economic institutions of the United States and of the American mind from the Civil War to the present.

429. *The Forming of the American Constitution*. First semester; lectures three hours; three credits. MR. ABBOTT.

Special attention is given to the Revolutionary period 1763-1775, to the Constitutional Convention of 1787, and to the influence of John Marshall in the early nineteenth century.

†History 501, 502. *The Literature of American History*. Continuous course; lectures three hours; three credits each semester. First semester, MR. ADAIR and STAFF; second semester, MR. MORTON and STAFF.

This course is designed to acquaint the graduate student with the extensive and important body of literature dealing with American history and also to aid the student in a critical evaluation of that literature. History 501 will cover source materials and the outstanding historical writings on early American history (1607-1815); History 502 will cover the literature of nineteenth and twentieth century America.

†History 504. *Seminar in Colonial History*. Second semester; lectures three hours; three credits. MR. ABBOTT.

A course combining the methods and practice of research.

†History 505. *American Culture and the Atlantic Community*. First semester; lectures three hours; three credits. MISS WYATT.

A study of the development of American civilization from the early nineteenth century with special reference to inter-relationships with Europe, Canada, and Latin America.

PROGRAM FOR THE MASTER OF ARTS DEGREE IN
HISTORY

The College is in an unusually fortunate position to offer work in American history at the master's level. There are important and growing collections of primary and secondary materials in the libraries of the College, Colonial Williamsburg, and the Institute of Early American History and Culture. The City of Williamsburg and the surrounding country furnish an inspiring background. Closely associated with the Department of History in this program are the members of the staff of the Institute (sponsored jointly by the College and Colonial Williamsburg, Incorporated), who offer six semester hours in the Department and aid in other ways.

ADMISSIONS AND REQUIREMENTS

Candidates for admission to graduate study shall have a bachelor's degree from the College of William and Mary or from a college having similar requirements for the bachelor's degree, and at least a "B" average in their undergraduate work. They must apply for admission to the Dean of Admissions as early as possible (for the session 1955-1956, by May 15, 1955). The application must be approved by the Committee on Graduate Studies and by the head of the Department of History. An interview with a member of the department is most desirable.

The records of graduate students will be reviewed by the Department at the end of the first semester of residence to determine final acceptance as candidates for the degree of Master of Arts.

Candidates for the degree must be in residence for at least two semesters and must obtain 24 semester hours' credit in courses above the "300" level with a grade of "B" or better in each course, including at least 9 semester hours in courses limited to graduate students ("500" courses). Candidates must demonstrate a reading knowledge of one foreign language, prepare a thesis, and pass an oral comprehensive examination to be taken at least two weeks before the regular semester examinations. Graduate students enrolled in advance courses opened to undergraduates shall be required to do additional work on the graduate level. Each graduate student shall have a faculty supervisor who will be primarily

responsible for the student's choice of a thesis subject and for advising him regarding research and writing problems encountered in preparing the thesis. All thesis subjects must be approved by the head of the Department.

CURRICULUM

Besides the advanced courses in American history, the Department offers eighteen semester hours in advanced courses in European history closely related to American history and, hence, wholly acceptable as part of the program for the Master of Arts degree.

Home Economics

ASSISTANT PROFESSOR WILKIN (*Acting Head of the Department*).

INSTRUCTOR T. MILLER.

The purpose of the Home Economics department is to offer courses in homemaking that will be useful to the student in her own home. At the same time these courses are planned to relate to and supplement instruction which the student receives in many of the courses given in other departments.

201. *Home Living*. Either semester; lectures three hours; three credits. MRS. MILLER.

This is an introductory course in which the significance of foods and nutrition, textiles and clothing, art in the home, home management, and consumer education is presented. Historic and contemporary patterns of home living are studied.

209. *Foods: Principles of Preparation*. First semester; lecture one hour, laboratory four hours; three credits. MRS. MILLER.

A study is made of the fundamental principles of food preparation, conservation of nutritive values during cooking, and aesthetic factors in family meals.

210. *Foods: Meal Planning and Dining Customs*. Either semester; lecture one hour, laboratory four hours; three credits. MRS. MILLER.

This course includes the serving of family meals and special meals, menu planning at different levels of cost, marketing, organizing, preparation and creating aesthetic atmosphere.

301. *Nutrition and Physical Fitness*. Second semester; lectures three hours; three credits. MRS. MILLER.

Basic nutritional knowledge applicable to achieving optimal health is stressed. Malnutrition in the United States and the world, and national and international activities for improving the nutrition of entire populations are studied.

307. *Clothing Construction*. Either semester; laboratory six hours; three credits. MISS WILKIN.

The chief objectives of this course are the development of standards by which to achieve satisfactory results in clothing

construction, the selection of fabrics and style, and the use of modern tools.

308. *Special Problems in Clothing Construction.* Either semester; laboratory six hours; three credits. MISS WILKIN.

A knowledge of basic procedures in sewing is required. Individual problems will be selected on consultation with the instructor. Dress designs involving intricate work, garments requiring some hand sewing and hand decoration, tailored garments, and the like, may be chosen.

309. *Textiles.* First semester; lectures three hours; three credits. MISS WILKIN.

The place of textiles in the domestic, industrial and commercial world is stressed. Natural and man-made fibers are studied as to characteristics, limitations, and care of each. The construction, decoration, finishes, and the probable durability of each are evaluated.

310. *Textile Design and Decoration.* Second semester; lectures two hours; laboratory two hours; three credits. MISS WILKIN.

Notable historic textiles are studied noting their artistic quality, the symbolic art forms, and the influence of these on contemporary textile decoration. Museum prints and plates, as well as collections of Colonial Williamsburg are used as illustrative material.

325. *Home Furnishing and Decoration: American.* Second semester; lectures three hours; three credits. MISS WILKIN.

A study is made of American homes and their prototypes in England and Europe. Authentic features in exterior and interior design, furnishings and accessories for such periods as Early American, Georgian, and Victorian are stressed.

326. *Home Furnishing and Decoration: Historic.* Either semester; lectures three hours; three credits. MISS WILKIN.

A study is made of style, decoration, furnishings and artistic merits of homes from ancient Egypt to the present. The study follows the development of culture and reveals the life of the people.

327. *Historic Costume.* First semester; lectures three hours; three credits. MISS WILKIN.

A study is made of dress as it parallels the development of civilization and reflects social, religious, political and economic conditions. Today's styles are studied for parallels with those of the past.

329. *Home Management.* Either semester; lectures three hours; three credits. MRS. MILLER.

A study is made of organizing the household and planning the daily activities to conserve material and human resources and to provide a satisfying background for pleasant family living.

331. *Consumer Education.* Either semester; lectures three hours; three credits. MRS. MILLER.

The position of the consumer as a buyer in the contemporary economic order is studied. Standards, grades, labels, budgeting, owning versus buying a home, aids from federal bureaus and certificating agencies are discussed. Family financial problems throughout the entire life cycle are stressed.

Marshall-Wythe School of Law

THE FACULTY

DUDLEY WARNER WOODBRIDGE, A.B., J.D., *Dean and Chancellor
Professor of Law*

JOSEPH MARSHALL CORMACK, A.B., LL.B., J.S.D., *Professor of
Law*

ARTHUR WARREN PHELPS, A.B., A.M., LL.B., LL.M., *Professor
of Law*

JOSEPH CURTIS, B.S., LL.B., LL.M., *Professor of Law*

THOMAS CONNER ATKESON, B.S., M.S., Ph.D., *Professor of Tax-
ation*

CHARLES HARPER ANDERSON, A.B., B.C.L., LL.M., *Associate
Professor of Law*

CHARLES PHINEAS SHERMAN, A.B., LL.B., D.C.L., LL.D., *Lec-
turer in Roman, Canon and Civil Law*

CHESTER STOYLE BAKER, JR., A.B., B.C.L., *Law Librarian*

PARTICIPATING STAFF MEMBERS FROM OTHER DEPARTMENTS

I-KUA CHOU, LL.B., A.M., Ph.D., *Associate Professor of Gov-
ernment*

CHARLES FRANKLIN MARSH, A.B., A.M., Ph.D., *Chancellor Pro-
fessor of Economics and Business Administration*

BRUCE TIEBOUT McCULLY, A.B., A.M., Ph.D., *Associate Pro-
fessor of History*

JAMES ERNEST PATE, A.B., A.M., Ph.D., *Professor of Political
Science*

JOHN STEPHEN QUINN, Bs.Ed., M.C.S., M.B.A., *Associate Pro-
fessor of Business Administration*

ALBION GUILFORD TAYLOR, A.B., A.M., Ph.D., *Chancellor Pro-
fessor of Political Economy*

¹See also Marshall-Wythe School of Law Catalog, 1954-1955.

HISTORY

The School of Law was originally established December 4, 1779, when, by resolution, the Board of Visitors created a professorship of Law and Police. Antedated only by the Vinerian professorship at Oxford, established twenty-one years earlier and held by Sir William Blackstone, the chair of law at the College of William and Mary thus became the second in the English-speaking world and the oldest in the United States.

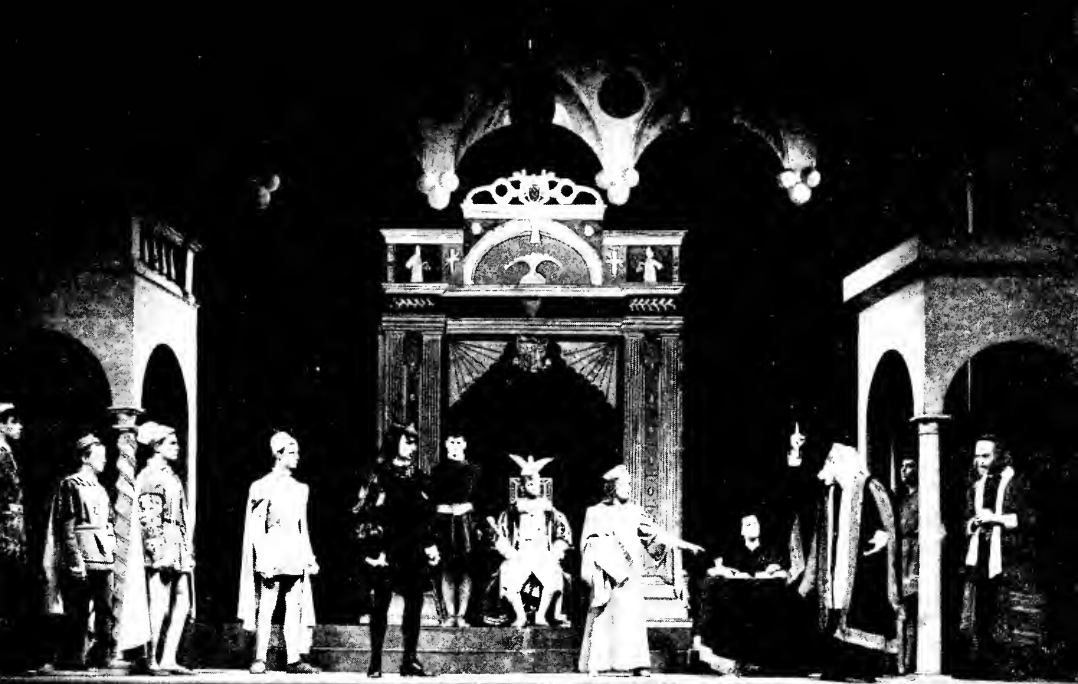
The part played by Thomas Jefferson in placing law among the subjects taught at his *Alma Mater* is told briefly in his *Autobiography*.¹

On the 1st of June, 1779, I was appointed (elected) Governor of the Commonwealth and retired from the legislature. Being elected also one of the Visitors of Wm. & Mary College, a self-electing body, I effected during my residence in Williamsburg that year, a change in the organization of that institution by abolishing the Grammar School, and the two professorships of Divinity & Oriental languages, and substituting a professorship of Law & Police, one of Anatomy, Medicine and Chemistry, and one of Modern Languages; and the charter confining us to six professorships, we added the law of Nature & Nations, & the Fine Arts to the Duties of the Moral professor, and Natural history to those of the professor of Mathematics and Natural philosophy.

The Board of Visitors elected as the first law professor George Wythe in whose office Jefferson had studied. A signer of the Declaration of Independence and styled by Jefferson the American Aristides, Wythe was a judge of the Virginia High Court of Chancery and one of the earliest judges to enunciate the doctrine of judicial review.

The elevation of Wythe to the sole chancellorship of Virginia, ten years after the chair of law was established, necessitated his removal to Richmond and his resignation from the faculty. He was succeeded by St. George Tucker, whose edition of Black-

¹Ford's edition, I, 69-70.





stone is a legal classic and one of the first law books published in America. Among the last to hold the professorship at Williamsburg prior to 1861 was Lucian Minor, a member of another Virginia family intimately associated with the law.

Soon after its foundation, and probably from the very beginning, the law school of the College of William and Mary demanded an academic baccalaureate degree as a requirement for a law degree, the College statutes compiled in 1792 providing:

For the degree of Bachelor of Law, the student must have the requisites for Bachelor of Arts; he must moreover be well acquainted with Civil History, both Ancient and Modern, and particularly with Municipal law and police.

In May, 1861, with the closing of the College, because of the exigencies of war, the law school ceased to function. When the College resumed operation, financial stringency resulted in the granting of leaves of absences to some of the faculty. Among these was the professor of Law. This leave of absence continued indefinitely. During the precarious years in the life of the institution following the Civil War the Law School remained largely dormant. Its revival, begun in 1920, was completed with the session of 1922-23.

The School of Law is registered by the State Department of Education of the University of the State of New York, is approved by the American Bar Association, and is a member of the Association of American Law Schools.

LIBRARY

The Library of the School of Law contains approximately 22,000 volumes. The Law Library is administered by a Law Librarian with student assistants, and during the regular session observes the same hours as the College Library. The collection contains digests, encyclopedias, periodicals, session laws, statutes, texts, citators, reports of many courts of last resort, and all the United States Supreme Court Reports. Also available are the Complete Reporter System, the American Digest System, the Reports of the Commonwealth of Virginia, and those of many other states.

WILLIAM AND MARY REVIEW OF VIRGINIA LAW

This is an intramural law review published by the students of the School of Law, with the advice of the faculty. Its primary objective is to provide an opportunity for student legal composition. The editor each year is a student, selected by the faculty. The editor in 1954-1955 was Florian Joseph Bartosic.

PRE-LEGAL STUDIES

While no specific academic subjects, apart from the general requirements for the degree of Bachelor of Arts, are required for admission to the School of Law, students who expect to proceed to the law degree are urged to complete the general degree requirements before commencing the work in Law. It is recommended that such students consult with the pre-legal adviser of the School as early in their college careers as possible regarding the scope and distribution of their academic work.

ADVANCED CREDIT

Within the discretion of the faculty of the School, credit may be allowed for subjects satisfactorily completed at approved law schools, not to exceed the equivalent of sixty semester hours.

EXCLUSION BECAUSE OF POOR SCHOLARSHIP

Any student who has been admitted to candidacy for the degree of Bachelor of Civil Law and who does not maintain a quality point average of at least 1.0, or who fails more than five hours in any semester will be permitted to continue his course only with the consent of the faculty of the School.

DEGREE REQUIREMENTS

THE BACHELOR OF ARTS DEGREE—SIX YEAR
COMBINED COURSE

Students who have completed three years of pre-legal work will be awarded the Bachelor of Arts degree on the satisfactory completion of the first year's work in law. The pre-legal work may be done in any accredited college or university provided

that the requirements of the College of William and Mary as to the nature and quality of the work are met. By proceeding in this way it is possible for students to receive both their arts and law degrees within a period of six academic years.

THE BACHELOR OF CIVIL LAW DEGREE

Students holding an academic baccalaureate degree from an institution of approved standing, who have been in residence in the Law School for at least ninety weeks (or, in case advanced credit has been allowed have been in residence in this school at least during their last year), who have completed satisfactorily at least ninety semester credits in law with a quality point average of 1.0 or better in *all* the law work undertaken, and who have demonstrated their ethical fitness, will receive the degree of Bachelor of Civil Law (B.C.L.), the historic law degree of the College of William and Mary in Virginia. This degree is a professional degree in law and the equivalent of the more usual bachelor of laws degree.

MISCELLANEOUS INFORMATION

Method of Instruction. While each instructor has full liberty to adopt his method of teaching, the plan most generally used consists of the discussion of cases and legal problems. Students are encouraged from the beginning to make the fullest use of the law library.

Scholarships and Prizes. Matthew Gault Emery Law Scholarship, the Oscar F. Smith Memorial Scholarship, the Lawyers Title Insurance Corporation Award, the Seidman & Seidman Tax Award, the William A. Hamilton Prize, and the William A. R. Goodwin Memorial Fund Scholarship. See pages 250, 257, 258.

ADMISSION REQUIREMENTS

The following persons may be admitted to courses in Law:

1. Students holding an academic baccalaureate degree from an institution of approved standing may enter the School of Law and take any subject approved by the Dean of the School; provided, however, that students who expect to become candi-

dates for the degree of Bachelor of Civil Law shall follow the regular course of study.

2. Undergraduate students who desire to be admitted to courses in Law must have finished three-fourths of the work and must have earned three-fourths of the quality points required for a baccalaureate degree within a period not exceeding seven and one-half semesters.

3. Students of academic junior standing who have completed one-half of the work and who have earned one-half of the quality points required for a baccalaureate degree within a period not exceeding five semesters may take a limited amount of work for business law or elective credit (but not for law credit), with the consent of the Dean of the School.

4. Within the discretion of the faculty of the School, persons of exceptional promise who fail to meet the above requirements may be admitted as special students¹ and may take subjects in Law approved by the Dean of the School.

Subject to the above provisions, registration is the same as for the College at large, of which the School of Law forms an integral part. Inquiries should be addressed to the Dean of Admissions of the College or to the Dean of the Law School.

COURSE OF STUDY

REQUIRED COURSES

All first year courses are required. The courses in Basic Federal Taxation, Negotiable Instruments, Trusts and Estates, Business Associations II, Creditors' Rights, Evidence, and Property II are also normally required.

FIRST YEAR

<i>First Semester</i>	<i>Credits</i>	<i>Second Semester</i>	<i>Credits</i>
Business Associations I	3	Contracts and Sales	3
Constitutional Law	4	Criminal Law	3
Contracts	3	Family Law	2
Legal Bibliography	1	Procedure I	3
Property I	4	Torts	4
	<hr/>		<hr/>
	15		15

¹The number is limited in accordance with the recommendation of the Legal Education Section of the American Bar Association.

SECOND, THIRD, AND FOURTH YEARS

<i>First Semester</i>	<i>Credits</i>	<i>Second Semester</i>	<i>Credits</i>
Basic Federal Taxation	3	Administrative Law (Govt. 406) ..	3
Conflict of Laws	3	Advanced Income Taxation ...	4
Equity	3	Business Associations II	3
Federal Jurisdiction and Pro- cedure	2	Constitutional History of Mod- ern England (Hist. 412)	3
International Law (Govt. 324) ..	3	Creditors' Rights	4
Legal History	3	Estate and Gift Taxation	3
Legal Philosophy	3	Evidence	3
Legislation	2	Federal Taxation (Bus. 406) ..	3
Municipal Corp'ns (Govt. 407) ..	3	Government Regulation of Business (Bus. 426)	3
Negotiable Instruments	3	Labor Law (Econ. 408)	3
Procedure II	3	Legal Accounting (Bus. 408) .	3
State and Local Taxation	3	Preparation of Tax Forms	2
Survey of Tax Literature	3	Property II	3
Tax Administration and Pro- cedure	3	Tax Litigation	2
Trusts and Estates	4	Tax Research	2

DESCRIPTION OF COURSES

I. HISTORY AND NATURE OF LAW

Legal History. First semester; lectures three hours; three credits. MR. PHELPS.

The history of American and English law with some reference to the sources of that law in earlier legal systems. (Alternates with *Legal Philosophy*. Not offered 1954-1955.)

Legal Philosophy. First semester; lectures three hours; three credits. MR. PHELPS.

The rules and principles of law as they relate to the basic ideas of philosophy. (Alternates with *Legal History*.)

II. PRIVATE LAW

Part I

Contracts. First semester; lectures three hours; three credits.

Offer and acceptance, consideration, seals, conditions, anticipatory repudiation, damages.

Contracts and Sales. Second semester; lectures three hours; three credits. MR. WOODBRIDGE.

Impossibility, third party beneficiaries, assignments, discharge, illegality, statute of frauds, passage of title, risk of loss, conditional sales, documents of title, implied warranties, remedies of buyer and seller.

Equity. First semester; lectures three hours; three credits. MR. CORMACK.

A study of the substantive principles and methods of procedure (other than those relating to trusts) which have been developed in the courts of equity; the particularly effective methods of equitable enforcement, such as injunctions, receiverships, specific enforcement, and decrees clearing titles; when litigants can proceed in courts of equity; the extent to which remedies at law have superseded those in equity.

Family Law. Second semester; lectures two hours; two credits. MR. PHELPS.

Marriage and Divorce, Husband and Wife, Parent and Child.

Property I. First semester; lectures four hours; four credits. MR. WOODBRIDGE.

Acquisition of title to personalty, problems in possession, gifts of personalty, estates in land, concurrent ownership, introduction to future interests.

Property II. Second semester; lectures three hours; three credits. MR. ANDERSON.

A study of modern land transactions, recording acts, methods of controlling the use of land, easement and licenses, and rights incident to land ownership.

Torts. Second semester; lectures four hours; four credits. MR. WOODBRIDGE.

The concept of tort liability; assault and battery, false imprisonment, trespass to land and personalty, negligence, deceit, defamation, malicious prosecution, trover and conversion.

Part II

Business Associations I-II. Continuous course; lectures three hours; three credits each semester. MR. ANDERSON, MR. PHELPS.

The general principles of the law of agencies, partnerships, private corporations, and other forms of business relationship.

Creditors' Rights. Second semester; lectures four hours; four credits. MR. CORMACK.

A study of the ordinary bankruptcy proceedings of individuals and corporations, including the various methods by which the trustee in bankruptcy secures assets to be distributed among the creditors; a general survey of the proceedings in the nature of reorganizations and extensions of time provided for by the newer portions of the Bankruptcy Act; a study of all forms of personal and real property security, together with a brief survey of suretyship.

Legal Accounting. Second semester; lectures three hours; three credits. MR. QUINN.¹

This is the same course as Business 408.

Negotiable Instruments. First semester; lectures three hours; three credits. MR. WOODBRIDGE.

The concept of negotiability and the requirements therefor, transfer, the holder in due course, equities and defenses, liability of parties, discharge.

Trusts and Estates. First semester; lectures four hours; four credits. MR. CORMACK.

The law of wills and trusts with particular emphasis upon problems of draftsmanship and the preparation of wills and trusts with reference to the law of all states; the execution of wills; administration of estates; the various time rules relating to trusts; the use of inter vivos and testamentary trusts; charitable trusts.

III. PUBLIC LAW

Administrative Law. Second semester; lectures three hours; three credits. MR. PATE.²

This is the same course as Govt. 406.

¹Associate Professor of Business Administration.

²Professor of Government.

Advanced Income Taxation. Second semester; lectures four hours; four credits. Prerequisite: Basic Federal Taxation or Bus. 406. MR. ATKESON, MR. CURTIS.

Consideration of the more complex problems in the field of Federal income taxation, with intensive study of the tax consequences in corporate reorganizations, distributions, and capital transactions.

*Basic Federal Taxation.*¹ First semester; lectures three hours; three credits. MR. CURTIS.

A comprehensive course treating the fundamentals of Federal taxation. General in treatment, including mechanics as well as jurisprudential considerations.

Constitutional History of Modern England. Second semester; lectures three hours; three credits. MR. McCULLY.²

This is the same course as History 412.

Constitutional Law. First semester; lectures four hours; four credits. MR. ANDERSON.

A study of the general principles of constitutional law applicable to the several states, and the law of the Federal system under the United States Constitution.

Criminal Law. Second semester; lectures three hours; three credits. MR. CORMACK.

A study of the substantive elements of the principal crimes, the various problems relating to criminal intent; the effect upon criminal responsibility of disorders of the mind; combinations of persons; the procedure in criminal cases.

Estate and Gift Taxation. Second semester; lectures three hours; three credits. MR. CURTIS.

The development and application of the estate and gift tax provisions of the Internal Revenue Code, with consideration given to the tax aspects in estate planning.

¹This course and the Federal Taxation course can only be taken in the alternative and credit for both will not be allowed.

²Associate Professor of History.

Federal Taxation. Second semester; lectures three hours; three credits. (Not open to students who have received credit for Basic Federal Taxation.)

This is the same course as Business 406.

Government Regulation of Business. Second semester; lectures and conferences three hours; three credits. MR. MARSH.¹

This is the same course as Business 426.

International Law. First semester; lectures three hours; three credits. MR. CHOU.²

This is the same course as Government 324.

Labor Law. Second semester; lectures three hours; three credits. MR. TAYLOR.³

This is the same course as Economics 408.

Municipal Corporations. First semester; lectures three hours; three credits. MR. PATE.⁴

The legal problems encountered in the conduct of government on the local level with special emphasis on types and objectives of local governmental units, intergovernmental relations, finance, personnel, community planning, regulation of business and private conduct and responsibility in tort.

This is the same course as Government 407.

Preparation of Tax Forms. Second semester; lectures and conferences; two hours; two credits. MR. ATKESON.

The preparation of individual, partnership and corporation income tax returns supplemental to the Basic Federal Taxation course, and consideration of other tax returns required of a business, including payroll and excise tax returns.

State and Local Taxation. Second semester; lectures three hours; three credits. MR. CURTIS.

A study of state and local taxation as limited by the commerce, due process, and equal protection clauses of the Federal Constitution. State franchise, income, sales and property taxes are considered with emphasis on Virginia taxes.

¹Professor of Economics and Business Administration.

²Associate Professor of Government.

³Professor of Political Economy, Head of the Department of Economics.

⁴Professor of Government.

Survey of Tax Literature. First semester; lectures three hours; three credits. MR. ATKESON.

The sources of tax law, the proper use of published materials in the consideration of a tax matter, and a familiarization with the works of authorities in the field of taxation.

Tax Administration and Procedure. First semester; lectures three hours; three credits. MR. ATKESON.

The organization and work of the Internal Revenue Service in the processing of tax returns; the procedures that are to be followed by taxpayers and their representatives in the audit of returns and settlement of tax matters prior to court litigation.

Tax Litigation. Second semester; conferences two hours; two credits. MR. ATKESON.

Study of the adjective Federal tax law; jurisdiction of the courts in tax matters, and trial work in tax litigation.

Tax Research. Second semester; conferences two hours; two credits. MR. ATKESON.

Experiments in tax law and regulations drafting; preparation of studies by students on matters of current significance in the tax field involving extensive research.

IV. PROCEDURE

Conflict of Laws. First semester; lectures three hours; three credits. MR. CORMACK.

A study of the problems which arise when the facts of a legal situation involve more than one state or country; the doctrines of renvoi, characterization and localization; local and territorial rights theories; the effect of the full faith and credit, due process, equal protection, and privileges and immunities provisions of the United States Constitution upon such problems; divorces secured in one state by citizens of another.

Evidence. Second semester; lectures three hours; three credits. MR. PHELPS.

The principles relating to the burden of proof, the competency of witnesses, and the admission and exclusion of evidence.

Federal Jurisdiction and Procedure. First semester; lectures two hours; two credits. MR. CURTIS.

The substantive and procedural law applied to the exercise of the Federal judicial power within the original and appellate jurisdiction of the Federal Courts.

Procedure I. Second semester; lectures three hours; three credits. MR. ANDERSON.

Trial practice, including process, pre-trial procedure, jurisdiction and venue, continuance, selecting the jury, withdrawal of the evidence from the jury, judge's instructions and comments, arguments of counsel, verdicts and judgments, and motions after judgment.

Procedure II. First semester; lectures three hours; three credits. MR. PHELPS.

Code pleading, including references to the New Federal Rules of Procedure, and the Virginia Rules of Procedure established by the Supreme Court of Appeals of Virginia.

V. LEGAL METHOD

Legal Bibliography. First semester; lectures one hour; one credit. MR. BAKER.

Legal terms and nomenclature, the use of law books, and the analysis and headnoting of cases.

Legislation. First semester; lectures two hours; two credits. MR. PHELPS.

The principles and policies guiding judges in interpreting statutes and the problems of drafting statutes and regulations.

Legal Research. Any semester; hours to be arranged; credits according to work done.

With the approval of the faculty and to a limited degree, topics in legal research may be substituted for formal courses.

**Introduction to Law.* Both semesters; lectures two hours; two credits. MR. ANDERSON.

This course which is given each semester is designed for the general undergraduate student and does not carry law credit. The course includes a survey of the nature of law; its subject matter, methods of administration, and nomenclature.

THE DEGREE OF MASTER OF ARTS IN TAXATION

In order to help meet the need for trained men in the field of taxation, the School of Law in cooperation with the Departments of Business Administration, Economics and Government has instituted a program of studies leading to a degree of Master of Arts in Taxation. This course of study is designed for students of exceptional ability who are doing the major portion of their work in Business, Economics, or Law.

To be eligible for this degree, the candidate must have completed the requirements for a baccalaureate degree and must pursue his studies satisfactorily for at least one more year. The following subjects are required: Accounting through Business (302) or Legal Accounting, Corporation Finance and Investments, Money and Banking, Government Regulation of Business, Elementary Statistics, Property I, Contracts and Contracts and Sales, Negotiable Instruments, Seminar in Business Economics, Legal Bibliography, Constitutional Law, Administrative Law, Public Finance and National Financial Policy, Trusts and Estates, and all the courses in Taxation.

This work may be combined with a concentration in Business Administration, Economics, or Law.

Law students who wish to specialize in tax law but who do not wish to work in residence for an extra year may, by careful planning, include the major portion of the tax program in their regular six-year combined course. All such students should seek the advice of the Dean of the School of Law early in their college career.

THE DEGREE OF MASTER OF LAW AND TAXATION

OBJECTIVES

The program leading to the Master of Law and Taxation degree, the first of its kind to be offered by a college or university, is designed to fill a need for competently trained persons to serve the nation in any capacity in which a thorough comprehension of all phases of taxation is an essential requirement. In the present complex status of our tax laws it requires joint consideration by a lawyer, an accountant, an economist, a political

scientist, and an expert in business management in order to analyze properly all aspects of a tax matter. While the program does not presume to accomplish expertness in each of these fields, it is intended to equip the student with fundamental groundwork in all and as much of advanced study in each as relates directly to the field of taxation. This required foundation in the related fields, coupled with the twenty-four semester hours of specialized tax study to be undertaken in the graduate year, is designed to provide intensive training in tax law and ability to comprehend all of its diverse facets.

PREPARATION AND PROGRAMS OF STUDY

The Bachelor of Arts, Bachelor of Civil Law, and Master of Law and Taxation degrees may be undertaken in seven years, in which the requirements for the first two degrees are completed in a six year combined arts and law program and the seventh year devoted to the specialized study of tax law. In addition to the courses required to be completed for the arts and general law degrees, the following courses are included by students in the taxation program, either as electives or in pursuing their field of concentration in their undergraduate work:

Business Administration; advanced accounting, cost accounting, auditing, municipal and governmental accounting, and C.P.A. problems.

Economics; money and banking, statistics, corporate finance and investments, public finance and national financial policy, and government regulation of business.

DEGREE REQUIREMENTS

The specialized study of tax law is undertaken by the student in his graduate year following the completion of the requirements for the general law degree. It comprises twelve or thirteen semester hours' study in each of two semesters of the courses described below. Such of these courses or their equivalents that the student may have completed in his general law program may be omitted, and, in that event, such of the required courses in Business Administration and Economics as were not completed

by the student in his undergraduate study, or other law courses offered by the Marshall-Wythe School of Law, may be taken in their place.

Students holding an academic baccalaureate degree and a bachelor of laws degree from an institution or institutions of approved standing, inclusive of the prerequisite courses in Business Administration and Economics, who have been in residence in the Law School for at least one academic year thereafter, who have completed the prescribed graduate work in tax law with a quality point average of at least 2.0 (B), and who have demonstrated their ethical fitness, will receive the degree of Master of Law and Taxation.

PROGRAM FOR COMBINED COURSE

A.B. in Business Administration (Accounting) in four years.
B.C.L. in six years, with preparation for both Bar and C.P.A. Examinations, and Master of Law and Taxation in seven years.

FIRST YEAR

	<i>1st Sem.</i>	<i>2nd Sem.</i>
Grammar, Composition and Literature (Eng. 101-2)	3	3
Foreign Language	3	3
History of Europe (Hist. 101-2)	3	3
Biological Science (Biol. 101-2)		
or Elementary General Chemistry (Chem. 101-2)		
or General Physics (Physics 101-2)	5	5
Physical Education (Phys. Ed. 101-2)	1	1
	<hr/> 15	<hr/> 15

SECOND YEAR

English Literature (English 201-2)		
or Introduction to the Arts (Fine Arts 201-2)	3	3
Foreign Language	3	3
History of Philosophy (Philosophy 201-2)		
or Mathematics (Math. 101-2)	3	3
Principles of Accounting (Bus. 201-2)	3	3
Principles of Economics (Econ. 201-2)	3	3
Physical Education (Phys. Ed. 201-2)	1	1
	<hr/> 16	<hr/> 16

THIRD YEAR

	<i>1st Sem.</i>	<i>2nd Sem.</i>
Money and Banking (Econ. 301-2)	3	3
Corporation Finance (Econ. 423)	3	—
Statistics (Econ. 331)	—	3
Introduction to Business Enterprise (Bus. 327)	3	—
Investments (Econ. 424)	—	3
Intermediate Accounting (Bus. 301-2)	3	3
Cost Accounting (Bus. 403)	4	—
Auditing Theory and Procedure (Bus. 404)	—	3
	<hr/> 16	<hr/> 15

FOURTH YEAR

Basic Federal Taxation	3	—
Contracts	3	—
Contracts and Sales	—	3
Seminar in Business Economics (Bus. 428)	—	2
Legal Bibliography	1	—
Property I	4	—
Procedure I	—	3
Torts	—	4
Family Law	—	2
Municipal and Governmental Accounting (Bus. 405)	2	—
Advanced Accounting (Bus. 401)	3	—
C. P. A. Problems (Bus. 402)	—	3
	<hr/> 16	<hr/> 17

A.B. Degree

FIFTH YEAR

Negotiable Instruments	3	—
Constitutional Law	4	—
Business Associations I and II	3	3
Procedure II	3	—
Creditors Rights	—	4
Evidence	—	3
Criminal Law	—	3
Federal Jurisdiction and Procedure	2	—
Law Electives (See Pages 164-165)	2	3
	<hr/> 17	<hr/> 16

SIXTH YEAR

<i>First Semester</i>	<i>Credits</i>	<i>Second Semester</i>	<i>Credits</i>
Conflict of Laws	3	Administrative Law	3
Legislation	2	Government Regulation of	
Trusts and Estates	4	Business	3
Law Electives	9	Property II	3
—	—	Law Electives	7
	18		—
			16

B.C.L. Degree

SEVENTH YEAR

<i>First Semester</i>	<i>Credits</i>	<i>Second Semester</i>	<i>Credits</i>
Public Finance (Econ 421) ...	3	National Financial Policy	
State and Local Taxation	3	(Econ. 422)	3
Survey of Tax Literature	3	Advanced Income Taxation ...	4
Tax Administration and		Estate and Gift Taxation	3
Procedure	3	Preparation of Tax Forms ...	2
—	—	Tax Litigation	2
	12	Tax Research	2
			—
			16

Master of Law and Taxation Degree

Mathematics

PROFESSORS PHALEN (*Head of the Department*) and NOWLAN.¹
ASSOCIATE PROFESSORS CALKINS, LEE and SMITH.

REQUIREMENTS FOR CONCENTRATION

Concentration in Mathematics consists of thirty or more semester hours in Mathematics, including Mathematics 201, 202, 301, and 402. At least twenty-four hours must be in courses numbered 201 or greater, and of these at least twelve hours must be in courses numbered 301 or greater. *Engineering Graphics* 201, 202 will not be counted towards a concentration in Mathematics.

DESCRIPTION OF COURSES

101, 102. *Freshman Mathematics*. Continuous course; lectures three hours; three credits each semester. STAFF.

Derivative and Integral. Speed, tangents, maximum and minimum, areas; polynomials, fractions, radicals, logarithms; trigonometric functions with applications to geometry; components, and waves. Elements of the Analytic Geometry of lines and circles.

201, 202. *Calculus*. Continuous course; lectures three hours; three credits each semester. Prerequisites: Math. 101, 102, or the consent of the instructor. STAFF.

Differentiation; applications to algebraic and transcendental functions; parametric and polar equations; differentials; integration of standard forms, and special devices for integration; definite integral with application to areas, lengths, and volumes.

203. *Analytic Geometry*. First semester; lectures three hours; three credits. Prerequisites: Math. 201, or the consent of the instructor. MISS CALKINS.

Curves and equations; straight lines and conics; transformations of coordinates; tangents; polar coordinates; parametric equations; transcendental curves; elements of the analytic geometry of space.

¹Visiting Professor, 1954-1955.

204. *College Algebra*. Second semester; lectures three hours; three credits. Prerequisite: Math. 201 or the consent of the instructor. MISS CALKINS.

Complex numbers; determinants and solutions of systems of linear equations; Newton's Method; theory of equations; elimination; discriminants; Budan's theorem; Sturm functions; symmetric functions.

205. *Mathematical Theory of Investment and Insurance*. First semester; lectures three hours; three credits. Prerequisite: Math. 101, 102; or the consent of the instructor. MR. SMITH.

Simple and compound interest and discount; annuities, amortization, sinking funds, depreciation, building and loan associations; valuation of bonds; simple life insurance problems.

301. *Differential and Integral Calculus*. First semester; lectures three hours; three credits. Prerequisite: Math. 201, 202. MR. LEE, MR. NOWLAN.

Infinite series: Taylor's expansion: partial derivative, total differential, and directional derivative; hyperbolic function; multiple integrals; line integrals; Fourier series.

303. *History of Mathematics*. First semester; lectures three hours; three credits. Prerequisite: Math. 201, 202. MR. PHALEN.

The number systems and mathematical accomplishments of ancient Egypt, Babylonia, Greece and India: outstanding mathematical developments throughout the world to the present.

306. *Introduction to Actuarial Mathematics*. Second semester; lectures three hours; three credits. Prerequisite: Math. 201; 202, 205 are advised. MR. SMITH.

More detailed treatment of insurance problems. Elementary probability theory. Finite difference methods. While designed for those interested in actuarial work, most of the content is useful in physics, engineering, and as preparation for part of the C. P. A. examinations.

402. *Differential Equations*. Second semester; lectures three hours; three credits. Prerequisites: Math. 201, 202, 301. MR. LEE, MR. NOWLAN.

Ordinary differential equations: applications in physics, geometry, and allied fields.

404. *Survey of Mathematics*. Second semester; lectures three hours; three credits. Prerequisite: Math. 201. MR. PHALEN.

Topics chosen mostly from the fields of Number Theory, Geometry, and Topology, designed to acquaint the student with parts of mathematics not treated in other courses.

405, 406. *Senior Mathematics*. Both semesters; lectures three hours; three credits each semester. MR. NOWLAN.

Subject matter selected each year (or each semester) to meet the needs and interests of the students. Subjects in recent years have been Complex Variable, Fourier Analysis, Differential Geometry.

407. *Vector Analysis*. First semester; lectures three hours; three credits. MR. SMITH.

Algebra, differential and integral calculus of vectors; applications to geometry and mechanics.

408. *Matrices*. Second semester; lectures three hours; three credits. MR. SMITH.

Elementary algebra and calculus of matrices; application to linear equations and quadratic forms; the Hamilton-Cayley and Sylvester theorems; infinite series of matrices: matrix solutions of linear differential equations.

Engineering Graphics 201, 202. *Engineering Drawing and Descriptive Geometry*. Continuous course; laboratory six hours; three credits each semester. MR. SMITH.

Fundamentals of Engineering Drawing and Descriptive Geometry. Orthographic projection, auxiliary views. Isometric, oblique projection and drawing; perspective; machine parts such as screws, gears, valves, cams; lettering. Graphic and analytic solutions of engineering and geometric problems. Intersection and development of surfaces.

Military Science and Tactics¹

PROFESSOR COLONEL PACE (*Head of the Department*). ASSISTANT
PROFESSORS CAPTAIN FUQUA and MAJOR KAUFMANN.

DESCRIPTION OF COURSES

101, 102. *First Year Basic*. Continuous course; lecture two hours; laboratory (drill) two hours; two credits each semester.

American Military History: Military history as it has affected the organization, tactical, social and similar patterns of our present-day army. Individual Weapons and Marksmanship: Fundamentals of marksmanship and good shooting habits. School of a Soldier and Exercise of Command.

201, 202. *Second Year Basic*. Continuous course; lecture two hours; laboratory (drill) two hours; two credits each semester.

Crew Served Weapons and Gunnery: Familiarization with all types of infantry crew served weapons used in the army and an explanation of gunnery principles and methods of fire control. Map and Aerial Photograph Reading: Basic principles of maps and aerial photograph reading. School of the Soldier and Exercise of Command.

301, 302. *First Year Advanced*. Continuous course; lecture four hours; laboratory (drill) two hours; four credits each semester.

Small Unit Tactics and Communications: Provides the student with the principles and fundamentals of small unit tactics and of the communication systems used in the infantry division. Organization, Function and Mission of the Arms and Services: Familiarization of the organization, function and mission of the various arms and services in the overall mission of the Army. Military Teaching Methods: Develops an understanding of the

¹Any student who is enrolled in either the basic or the advanced course is required to complete the course in which he is enrolled as a prerequisite to graduation unless discharged therefrom by authority of the Secretary of the Army.

principles, methods and techniques of military instructions. Leadership: Responsibilities and basic qualities of a leader, human behavior and adjustment to army life. School of the Soldier and Exercise of Command.

401, 402. *Second Year Advanced*. Continuous course; lectures four hours, laboratory (drill) two hours; four credits each semester.

Logistics: A study of the fundamentals of supply and movement of small units. Operations: provides the student with an understanding of staff organization, staff duties, combat orders and military intelligence. Familiarization with the military team from the squad up to and including the regimental combat team. Military Administration and Personnel Management: Provides the student with the basic concepts and fundamentals of military administration and military justice. Service Orientation: An orientation on geographical and economic factors, their influence on the division of peoples into nations and the courses of war. School of the Soldier and Exercise of Command.

Modern Languages

PROFESSOR BANNER (*Head of the Department*). ASSOCIATE PROFESSORS CARTER, KORPI, McCARY, REBOUSSIN and STONE. ASSISTANT PROFESSORS BALTZELL, HOFFMAN, KALLOS, MOORE, OUSTINOFF and RINGGOLD. INSTRUCTOR J. ARMSTRONG.

Courses in the 100 and 200 groups are designed to give a well rounded linguistic experience, including the spoken as well as the written language, and to develop an awareness and appreciation of other cultures.

Courses in the 300 and 400 groups are designed to give further experience in the principal facet of language study, a reasonable knowledge of the literature, some experience in literary criticism, to the end that the student may experience in some degree the humanizing process which derives from the study and understanding of foreign languages and cultures. Courses in the 300 and 400 groups are conducted in the foreign language.

FRENCH

REQUIREMENTS FOR CONCENTRATION

The following courses are required for concentration in French, and should be taken in this order: French 301, 302, 303, 305, 306, 401, 403, 404, 406.

Students planning to concentrate in French are advised to choose Latin to satisfy the requirement of six semester credits in an Ancient Language.

DESCRIPTION OF COURSES

101,² 102. *Elementary French*. Continuous course; lectures three hours; three credits each semester. Students who have

¹The distribution requirements for foreign languages are indicated on page 81. All language requirements for a degree should be begun in the freshman year.

²No credit will be counted toward a degree for the first semester of an elementary foreign language unless followed by the successful completion of the second semester of that language.

acquired two high school units in French may not take French 101, 102 for credit. STAFF.

201. *Graded Readings in French Prose.* Both semesters; lectures three hours; three credits. Prerequisite: two high school units or the equivalent. Students who have acquired three high school units in French may not take French 201 for credit. STAFF.

Reading course that includes a grammar review.

202. *Readings in Modern Literature.* Both semesters; lectures three hours; three credits. Prerequisite: three high school units or French 201 or the equivalent. STAFF.

Selected readings from the literature of the nineteenth and twentieth centuries.

205. *Intermediate Conversation.* Both semesters; lectures three hours; three credits. Prerequisite: three high school units, or one 200 course, or the equivalent. MR. OUSTINOFF.

Phonetics; intensive oral aural training.

206. *Intermediate Grammar and Composition.* Both semesters; lectures three hours; three credits. Prerequisite: three high school units, or one 200 course, or the equivalent. MR. BALTZELL.

Review of main principles of syntax. Composition.

207. *Readings in Classical Literature.* First semester; lectures three hours; three credits. Prerequisite: three high school units, or one 200 course or the equivalent. MR. McCARY, MR. REBOUSSIN.

Selected readings from the literature of the seventeenth century. A reading course designed as an introductory step to the 300 courses in literature.

208. *The French Heritage.* Second semester; lectures three hours; three credits. Prerequisite: three high school units, or one 200 course or the equivalent. MR. McCARY, MR. REBOUSSIN.

Reading course embodying the most important elements of French civilization, designed as an introductory step to the 300 courses in literature.

301. *Classical Literature*. First semester; lectures three hours; three credits. Prerequisite: French 207 or 208 or the equivalent. MR. McCARY.

Literary trends of the seventeenth century; study of representative works. The course also includes a short review of the main principles of French versification.

302. *Literature of the Eighteenth Century*. Second semester; lectures three hours; three credits. Prerequisite: French 207 or 208 or the equivalent. MR. OUSTINOFF.

Literary trends of the eighteenth century; study of representative works.

303. *Advanced Grammar and Composition*. Second semester; lectures three hours; three credits. Prerequisite: French 206 and another 200 course or the equivalent. MR. RINGGOLD.

Advanced syntax and intensive written work.

305, 306. *Advanced Conversation*. Continuous course; lectures three hours; three credits. Prerequisite: French 206 and another 200 course or the equivalent. MR. REBOUSSIN.

Advanced intensive oral aural training.

401. *The Middle Ages and the Sixteenth Century*. First semester; lectures three hours; three credits. Prerequisite: French 301 and 302 or the equivalent. MR. OUSTINOFF.

Survey of literature up to 1600. Study of representative works.

403. *Romanticism*. First semester; lectures three hours; three credits. Prerequisite: French 301 and 302 or the equivalent. MR. REBOUSSIN.

Romantic movement and its principal exponents; study of representative works.

404. *Realism, Naturalism, and Symbolism*. Second semester; lectures three hours; three credits. Prerequisite: French 301 and 302 or the equivalent. MR. REBOUSSIN.

Nature of these literary currents; study of representative authors and works.

406. *Contemporary Literature*. Second semester; lectures three hours; three credits. Prerequisite: French 301 and 302 or the equivalent. MR. BALTZELL.

Contemporary literary trends; study of representative authors and works.

GERMAN

REQUIREMENTS FOR CONCENTRATION

The following courses are required for concentration in German, and should be taken in the following order: German 202, 301, 302, 305, 401, 403, and 404.

DESCRIPTION OF COURSES

101, 102. *Elementary German*. Continuous course; lectures three hours; three credits each semester. Students who have acquired two high school units in German may not take German 101, 102 for credit. STAFF.

201. *The German Speaking Peoples and their Civilization*. First semester; lectures three hours; three credits. Students who have acquired three high school units in German may not take German 201 for credit. STAFF.

A reading course which includes a grammar review.

202. *Readings in Masterpieces of German Literature*. Second semester; lectures three hours; three credits. Prerequisite: three high school units or 201 or the equivalent. MR. KORPI.

Selected readings from the masterpieces of German literature.

204. *Scientific German*. Second semester; lectures three hours; three credits. Prerequisite: three high school units or 201 or the equivalent. MR. KORPI.

Reading of scientific texts in chemistry, physics, biology, and general science.

205. *Intermediate Conversation, Composition and Grammar Review*. First semester; lectures three hours; three credits. Prerequisite: three high school units or the equivalent. MR. KORPI or MR. KALLOS.

Practical oral aural training including a grammar review.

301. *Survey of German Literature*. First semester; lectures three hours; three credits. Prerequisite: two 200 courses or the equivalent. MR. KALLOS.

Main currents of German Literature from its origin through the Baroque period; study of representative works.

302. *German Classicism*. Second semester; lectures three hours; three credits. Prerequisite: two 200 courses or the equivalent. MR. KALLOS.

Reading and interpretation of the chief works of Lessing, Goethe, and Schiller.

303. *Advanced Scientific German*. First semester; lectures three hours; three credits. Continuation of German 204. Prerequisite: German 204. MR. KORPI.

Translation of difficult scientific articles in biology, chemistry, physics, general science, engineering, manufacturing, medicine, and psychology.

305. *Advanced German Composition and Conversation*. First semester; lectures three hours; three credits. Prerequisite: German 202 and 205 or the equivalent. MR. KORPI.

401. *From Romanticism to Poetic Realism*. First semester; lectures three hours; three credits. Prerequisite: German 301 or 302. MR. KORPI or MR. KALLOS.

The Romantic Schools, political writers, the "Young Germany" circle, poetic realism, naturalism, impressionism; reading and interpretation of representative works.

402. *Modern German Literature*. Second semester; lectures three hours; three credits. Prerequisite: German 301. MR. KORPI.

Principal literary trends; reading and interpretation of representative works.

403. *German Poetry*. First semester; lectures three hours; three credits. Prerequisite: German 301 or 302 or 401. MR. KORPI or MR. KALLOS.

Reading and interpretation of outstanding poetic works from the eighteenth century to the present.

404. *The Faust Sagas and Goethe's Faust*. Second semester; lectures three hours; three credits. Prerequisite: German 301 or 302. MR. KORPI or MR. KALLOS.

Reading and interpretation of Goethe's Faust (First Part), and a study of its historical background and sources.

ITALIAN

301,¹ 302. *Elementary Italian*. Continuous course; lectures three hours; three credits each semester. Open to those students who have completed the distribution requirement in foreign language. MR. BALTZELL.

401. *The Dugento and Trecento*. First semester; lectures three hours; three credits. Prerequisite: Italian 301 and 302 or the equivalent. MR. STONE.

A study of the masterpieces of the early Renaissance.

402. *The Quattrocento and Cinquecento*. Second semester; lectures three hours; three credits. Prerequisite: Italian 301 and 302 or the equivalent. MR. STONE.

Study of the masterpieces of the later Renaissance.

RUSSIAN

301,² 302. *Elementary Russian*. Continuous course; lectures three hours; three credits each semester. Open to those students who have completed the distribution requirements in foreign language. MR. OUSTINOFF.

401. *Intermediate Russian*. First semester; lectures three hours; three credits. Prerequisite: Russian 301 and 302 or the equivalent. MR. OUSTINOFF.

Review of the fundamentals of grammar and pronunciation and reading of moderately difficult texts.

402. *Readings in Masterpieces of Russian Literature*. Second semester; lectures three hours; three credits. Prerequisite: Russian 301 and 302 or the equivalent. MR. OUSTINOFF.

Selected readings from Russian literature of the 19th century.

¹No credits will be counted toward the degree for Italian 301 unless followed by the successful completion of Italian 302.

²No credits will be counted toward the degree for Russian 301 unless followed by the successful completion of Russian 302.

SPANISH

REQUIREMENTS FOR CONCENTRATION

The following courses are required for concentration in Spanish, and should be taken in this order: 301, 302, 303, 305, 306, and four of the following courses 401, 402, 403, 404, 406.

Students planning to concentrate in Spanish are advised to choose Latin to satisfy the requirement of six semester credits in an Ancient Language.

DESCRIPTION OF COURSES

101, 102. *Elementary Spanish*. Continuous course; lectures three hours; three credits. Students who have acquired two high school units in Spanish may not take 101, 102 for credit. STAFF.

201. *Intermediate Spanish Readings*. Both semesters; lectures three hours; three credits. Prerequisite: two high school units or the equivalent. Students who have acquired three high school units in Spanish may not take 201 for credit. STAFF.

A reading course which includes a grammar review.

202. *Readings in Modern Literature*. Both semesters; lectures three hours; three credits. Prerequisite: three high school units, or one 200 course or the equivalent. STAFF.

Selected readings from the literature of the nineteenth and twentieth centuries.

205. *Intermediate Conversation*. Both semesters; lectures three hours; three credits. Prerequisite: three high school units or one 200 course or the equivalent. MR. BANNER.

Phonetics; intensive oral aural training.

206. *Intermediate Grammar and Composition*. Both semesters; lectures three hours; three credits. Prerequisite: three high school units or one 200 course or the equivalent. MR. BANNER.

Review of main principles of syntax; composition.

207. *The Spanish Heritage*. First semester; lectures three hours; three credits. Prerequisite: three high school units or

one 200 course or the equivalent. MR. CARTER, MR. HOFFMAN, MR. MOORE.

Reading course embodying the most important elements of Hispanic civilization, designed as an introductory step to the 300 courses in literature.

208. *Readings in Masterpieces of Spanish Literature*. Second semester; lectures three hours; three credits. Prerequisite: three high school units or one 200 course or the equivalent. MR. CARTER, MR. MOORE, MR. HOFFMAN.

Selected readings from Spanish Literature from the beginning to the present. A reading course designed as an introductory step to 300 courses in literature.

301. *Spanish Literature from the Beginning to 1700*. First semester; lectures three hours; three credits. Prerequisite: Spanish 207 or 208 or the equivalent. MR. MOORE.

Survey of Spanish Literature from its beginning to the end of the Golden Age. Study of representative works.

302. *Spanish Literature from 1700 to the Present Time*. Second semester; lectures three hours; three credits. Prerequisite: Spanish 207 or 208 or the equivalent. MR. BANNER.

Survey of Spanish Literature from 1700 to the present. Study of representative works.

303. *Advanced Grammar and Composition*. Second semester; lectures three hours; three credits. Prerequisite: Spanish 206 and another 200 course or the equivalent. MR. STONE.

Advanced syntax and intensive written work.

305, 306. *Advanced Conversation*. Continuous course; lectures three hours; three credits. Prerequisite: Spanish 206 and another 200 course or the equivalent. MR. STONE.

Advanced intensive oral aural training.

401. *The Novel*. First semester; lectures three hours; three credits. Prerequisite: Spanish 301 and 302 or the equivalent. MR. STONE.

Survey of the early novel with detailed study of the modern novel since Romanticism. Study of representative works.

402. *Drama of the Golden Age*. First semester; lectures three hours; three credits. Prerequisite: Spanish 301 and 302 or the equivalent. MR. BANNER.

Survey of the drama from its beginning. Detailed study of the drama of the Golden Age. Study of representative works.

403. *Cervantes*. Second semester; lectures three hours; three credits. Prerequisite: Spanish 301 and 302 or the equivalent. MR. STONE.

The life and works of Cervantes with particular emphasis on the Quijote and the Novelas Ejemplares.

404. *Drama of the 19th Century*. Second semester; lectures three hours; three credits. Prerequisite: Spanish 301 and 302 or the equivalent. MR. BANNER.

Principal movements and authors in the drama of the 19th century. Study of representative works.

406. *Survey of Spanish American Literature*. Second semester; lectures three hours; three credits. Prerequisite: Spanish 301 and 302 or the equivalent. MR. HOFFMAN.

Principal literary movements in Spanish America. Study of representative works.

Music

ASSOCIATE PROFESSORS HAIGH (*Head of the Department*), FEHR and STEWART. ASSISTANT PROFESSOR VARNER. INSTRUCTOR PALEDES. LECTURERS BUSKIRK and HALL.

REQUIREMENTS FOR CONCENTRATION

For concentration in Music, the student must elect 12 credits in Music Theory, 6 credits in Music History (411, 412), 8 credits in Applied Music, and 10 more credits in Music selected in consultation with his adviser.

Students planning to teach music in the public schools should plan their program to meet the requirements for certification in Virginia or other states. The Virginia requirements for the Collegiate Professional Certificate with endorsement in Music are as follows:

General requirements. These are covered by the distribution requirements of the College, except that English 201, 202 and a course in United States History must be taken.

Requirements in Professional Education. Education S301, S302, or Education E301, E302; Music Education 321, 322; Practice Teaching; Education 404; and Health Education 317.

Requirements in Music. Music Theory, 12 credits; Voice, 2 credits; piano, 2 credits; musical organizations, 3 credits; and 3 more credits in Applied Music; Instrumental or Choral Materials and Methods, 6 credits; and Conducting, 2 credits.

Prospective music teachers are strongly advised to begin the study of music as early as possible. It is not ordinarily possible to complete the requirements for certification in Virginia in less than a three-year period. For the fullest preparation for teaching, it is recommended that the student take work in the Summer Session or during a regular semester after the requirements for the A.B. degree have been completed.

DESCRIPTION OF COURSES

THEORY

201, 202. *Theory I.* Continuous course; lectures two hours; two credits each semester. MR. STEWART.

First semester, fundamental terms and concepts of music, the elements of notation, scales and tone systems; second semester, style in music, and the underlying principles of musical structure.

203. *Ear Training, Sight Singing, and Dictation.* Both semesters; lecture one hour, laboratory four hours; three credits. MR. STEWART.

301, 302. *Theory II.* Continuous course; lectures three hours; three credits each semester. Prerequisite: Music 201, 202. MR. STEWART.

First year harmony; an elementary course dealing with triads, seventh chords, and non-chord tones.

401, 402. *Theory III.* Continuous Course; lectures three hours; three credits each semester. Prerequisite: Music 301, 302. MR. STEWART.

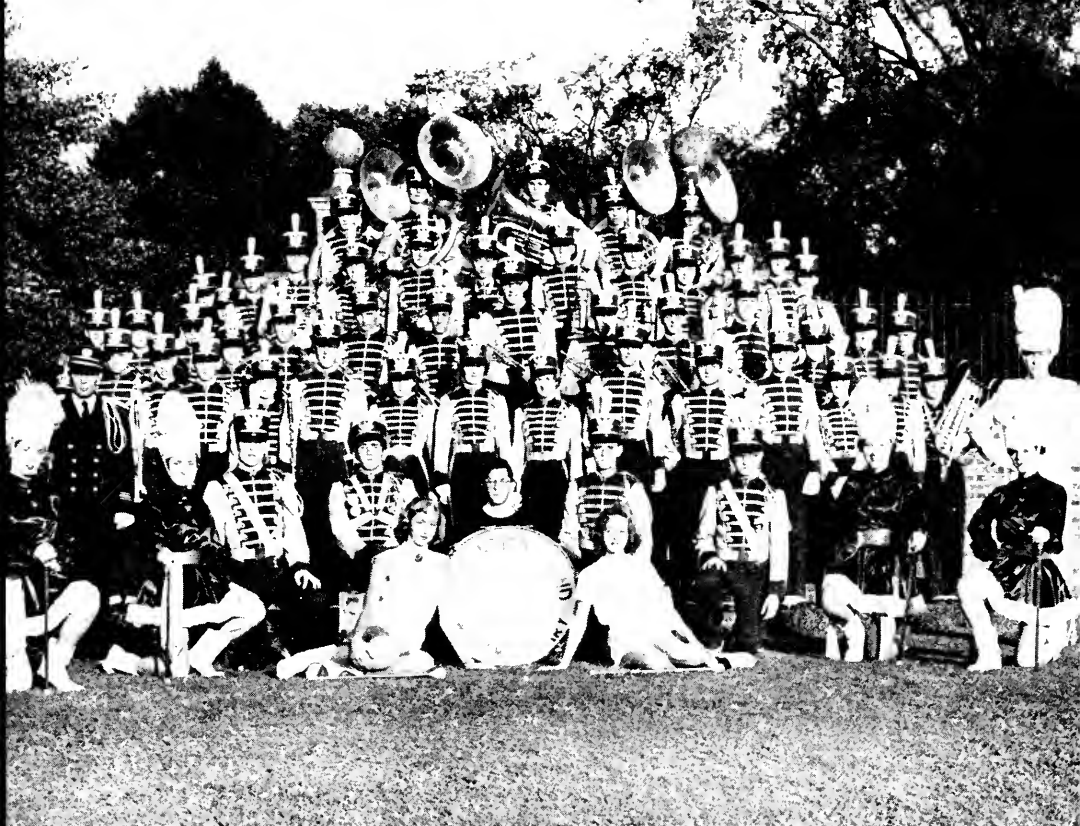
A continuation of first year harmony, dealing with simple and extended alterations, secondary dominants, and modulation. Second semester, beginning counterpoint.

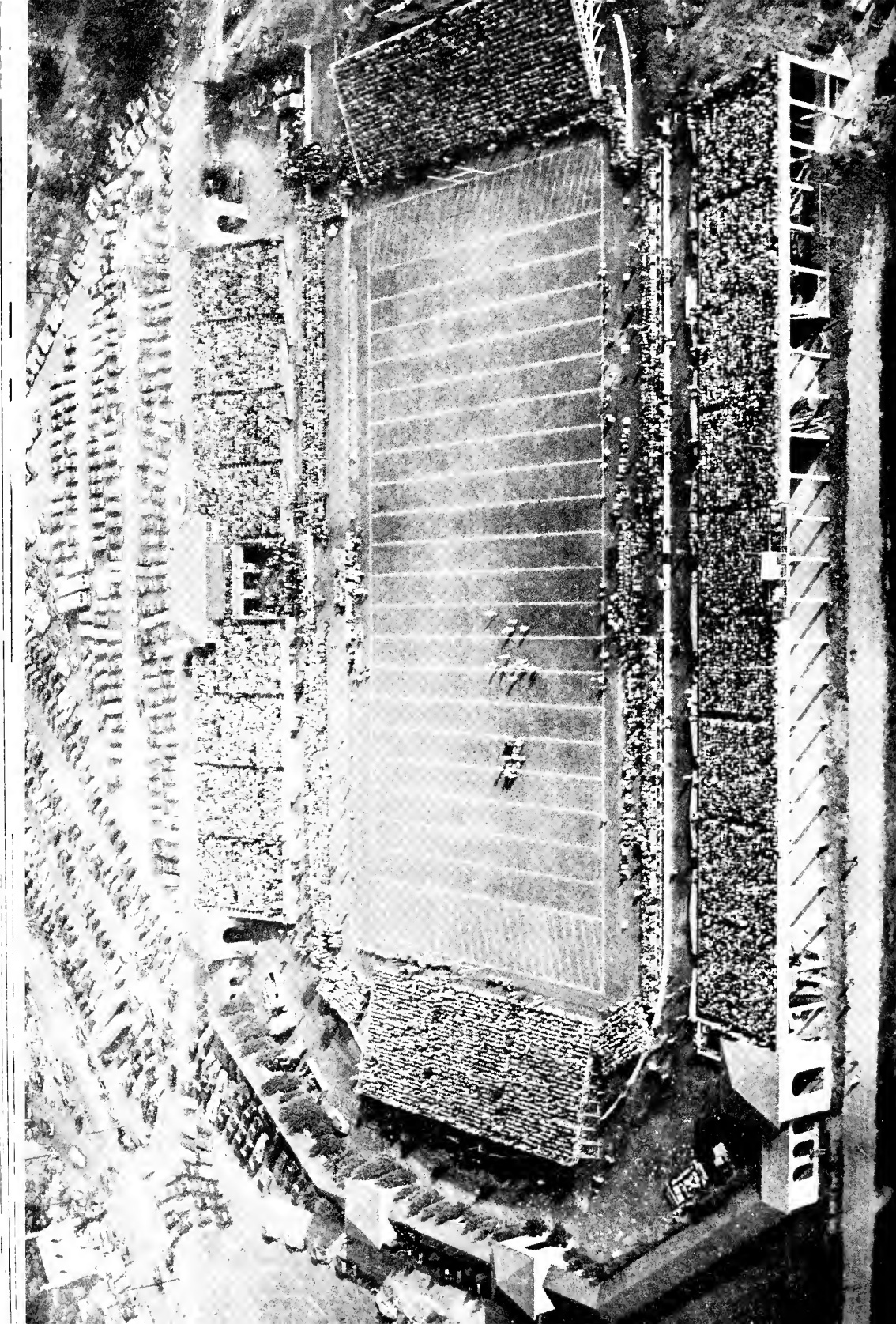
403, 404. *Form and Analysis.* Continuous course; lectures three hours; three credits each semester. Prerequisite: Music 301, 302. MR. STEWART.

The structural processes and forms of music, studied through analysis of examples of various periods and styles.

405, 406. *Orchestration and Choral Arranging.* Continuous course; lectures two hours; two credits each semester. Prerequisite: Music 301, 302. MR. STEWART and MR. FEHR.

First semester, choral arranging; second semester, orchestration.





MUSIC HISTORY AND LITERATURE

311. *Beethoven*. First semester, alternate years; lectures two hours; two credits. MR. HAIGH.

A study of the life, style, and selected works of Beethoven. This course is designed for juniors and seniors with no special knowledge of music. (Alternates with Music 313.)

312. *The Symphony*. Second semester, alternate years; lectures two hours; two credits. MR. HAIGH.

A study of representative symphonic works of various periods, and of their style, form, and orchestral setting. This course is designed for juniors and seniors with no special knowledge of music. (Alternates with Music 314.)

313. *Great Composers*. First semester, alternate years; lectures two hours; two credits. MR. HAIGH.

The composers studied will be varied from time to time to suit the interests of the class. The course is designed for juniors and seniors with no special knowledge of music. (Alternates with Music 311. Not offered 1955-1956.)

314. *Music in the Twentieth Century*. Second semester, alternate years; lectures two hours; two credits. MR. HAIGH.

Twentieth Century musical practice and theory as exemplified in the works of modern composers. This course is designed for juniors and seniors with no special knowledge of music. (Alternates with Music 312. Not offered 1955-1956.)

*411, 412. *History of Music*. Continuous course; lectures three hours; three credits each semester. MR. HAIGH.

First semester, beginnings to Beethoven; second semester; Beethoven to present.

†413, 414. *Problems in Music*. Either semester. Can be repeated. Two or three credits per semester. For seniors only. STAFF.

Individual advanced work under the direction of the instructor.

MUSIC EDUCATION

320. *Music for Elementary School Teachers.* Both semesters; lectures three hours; three credits. MR. STEWART and MR. VARNER.

A course designed for prospective general teachers in the elementary grades. Not open to Music concentrators.

321. *Music in the Elementary School.* First semester; lectures three hours; three credits. MR. VARNER.

Problems confronting the teacher of music in the elementary schools, and methods of instruction appropriate to the several grades.

322. *Music in the Secondary School.* Second semester; lectures three hours; three credits. MR. VARNER.

Materials and methods of instruction on the secondary school level.

323, 324. *Instrumental Materials and Methods.* Continuous course; lectures three hours; three credits each semester. MR. VARNER.

A study of the techniques and teaching methods of representative instruments of the orchestra and band.

325, 326. *Instrumental and Choral Conducting.* Continuous course; lecture one hour; one credit each semester. MR. STEWART and MR. FEHR.

Study and practice in the technique of the baton; problems of organizing musical groups.

328. *Choral Materials and Methods.* Second semester; lectures three hours; three credits. MR. FEHR.

A study of vocal and choral techniques and teaching methods.

521, 522. *Graduate Seminar in Music.* Three credits per semester. STAFF.

Individual advanced work under the direction of the instructor.

†APPLIED MUSIC

The College offers individual and group instruction in Voice, and individual instruction in Organ, Piano, and Orchestral instru-

ments. A fee of fifty dollars per semester is charged for individual instruction, and a fee of ten dollars per student per semester is charged for group instruction.

One or two credits per semester are offered for individual or group instruction in Voice, and for individual instruction in Instrumental Performance. Students will be assigned to elementary, intermediate, or advanced sections on the basis of proficiency, which will be determined, in the case of new students, by a placement test. New students, elementary students, and freshmen and sophomores can ordinarily elect only one credit. For participation in rehearsals and public performances of the College Choir, the William and Mary Chorus, the William and Mary Band, and the William and Mary Orchestra, one credit per semester will be given. A maximum of ten credits may be earned through instruction courses, and a maximum of four credits may be earned through membership in the musical organizations. Prerequisite for all courses in Applied Music: Music 201, 202, or 203, which may be taken concurrently. No credit in Applied Music is given until the prerequisite has been satisfactorily completed.

Students registering for Applied Music without credit must take the final examination and receive a grade.

Philosophy

PROFESSOR MILLER (*Head of the Department*). ASSOCIATE
PROFESSOR S. ROME.¹ ASSISTANT PROFESSOR B. ROME.
ACTING INSTRUCTOR FOSTER.²

REQUIREMENTS FOR CONCENTRATION

Students concentrating in Philosophy must take at least twenty-seven credits in Philosophy and three in Psychology. The twenty-seven credits in Philosophy must include Philosophy 201, 202 (*The History of Philosophy*) and Philosophy 301 (*Introduction to Logic*).

DESCRIPTION OF COURSES

201, 202. *The History of Philosophy*. Continuous course; lectures three hours; three credits each semester. MR. MILLER.

This course is a historical introduction to philosophy. The first semester will treat the history of ancient and medieval philosophy; the second semester, the history of modern philosophy. Special attention will be devoted in the first semester to Plato and Lucretius, and in the second semester to Descartes, Berkeley, Hume, and Schopenhauer.

301. *Introduction to Logic*. Both semesters; lectures three hours; three credits. MR. MILLER.

An introduction to modern symbolic logic. Emphasis upon applications.

302. *Intermediate Logic*. Second semester; lectures three hours; three credits. MR. MILLER.

A continuation of Phil. 301.

303. *Ethics*. First semester; lectures three hours; three credits. MR. ROME.

A philosophical investigation into the nature and obligations of man.

¹On leave of absence, first semester, 1954-1955.

²First semester, 1954-1955.

304. *Aesthetics*. Second semester; lectures three hours; three credits. MR. ROME.

The foundations of aesthetic apprehension and judgment, with special reference to music and to the visual and literary arts.

305. *American Philosophy*. Second semester; lectures three hours; three credits. MR. ROME.

Studies in the history of American thought, from the beginnings.

306. *Contemporary Philosophy*. Second semester; lectures three hours; three credits. MRS. ROME.

Examination of major types and movements in Twentieth Century philosophy: e. g., naturalism, idealism, realism, pragmatism, intuitionism, existentialism.

308. *Seventeenth Century Thought*. First semester; lectures three hours; three credits. MRS. ROME.

Leading problems in Seventeenth Century thought: e. g. scientific method, science and religion, religious and political toleration, aesthetic standards.

310. *Philosophy of Religion*. Second semester; lectures three hours; three credits. MRS. ROME.

The aim of this course is to investigate the philosophical foundations and implications of some of the world's great religions. The procedure will be to concentrate on selected writings of leading and representative religious thinkers, both ancient and modern.

401. *Metaphysics*. First semester; lectures three hours; three credits. Prerequisite: Phil. 201, 202. MR. ROME.

Pro-seminar in recent major metaphysical writers.

403. *Theory of Knowledge*. Second semester; lectures three hours; three credits. Prerequisite: Phil. 201, 202. MR. ROME.

Pro-seminar in recent major theories of knowledge.

†405. *Advanced Reading in Philosophy*. Any semester; hours to be arranged; credit according to the work done. Prerequisite: Phil. 201, 202. MR. MILLER, MR. ROME, MRS. ROME.

An individual course varying to suit the needs and interests of advanced students.

406. *British Empiricism*. First semester; lectures three hours; three credits. Prerequisite: Phil. 201, 202. MR. ROME.
Locke, Berkeley, Hume, and Reid.

411-415. *The Great Philosophers*. Each course one semester; lectures three hours; three credits. Prerequisite: Phil. 201, 202. MR. MILLER, MR. ROME, MRS. ROME.

In general it is the plan of the department to offer one or two of the following courses each year:

411. *The Philosophy of Plato*.

412. *The Philosophy of Aristotle*.

413. *The Philosophy of Spinoza*.

414. *The Philosophy of Hume*.

415. *The Philosophy of Kant*.

Legal Philosophy. Second semester; lectures three hours; three credits. (See Marshall-Wythe School of Law, page 165.)

Physical Education for Men

ASSOCIATE PROFESSOR SMITH (*Acting Head of the Department*).

ASSISTANT PROFESSOR MEEKS. INSTRUCTOR JENSEN. LECTURERS BAIRD, JOYNER, H. MILLER and TIPTON.

COLLEGE PHYSICIAN DEBORD, M.D.

REQUIREMENTS FOR CONCENTRATION

The minimum number of semester hours required for concentration in Physical Education is thirty-one and must include Physical Education 203, 308, 311, 312, 313, 319, either 316 or 412, 321, 408, 411 and Biology 305. All courses except Physical Education 203 and 208 of the concentration program must be taken during the student's junior and senior years.

Students preparing for recreation work may make certain substitutions for some of the courses listed above. These must be arranged with the head of the Department. For the concentration with specialization in recreation, Sociology 202 is considered as a course in Physical Education.

Those students desiring to meet the professional requirements for certification in the State of Virginia should plan their programs with the head of the Department of Physical Education. Students enrolling in professional courses to meet certification requirements in other states should first consult a member of the faculty of the Department of Education.

PROGRAM FOR ADVANCED STUDY

Students who are qualified for advanced study and who have satisfied admission requirements may register for the Master of Arts Degree with concentration in Physical Education or for the degree of Master of Education with emphasis in Education and Physical Education as a related field. (See pages 84, 86.) A minimum residence period of one regular session or of four summer sessions of nine weeks is required.

In addition to the general requirements for admission established by the College, students desiring to enter upon graduate training in Physical Education should present satisfactory undergraduate work in Physical Education or related fields, from a recognized institution.

A minimum of fifteen hours of the total of twenty-four submitted for the Master of Arts Degree must be in the department of concentration. Other courses should be selected from related departments such as Education, Sociology and Biology, or selected from additional courses in Physical Education. For special requirements of the M. Ed. Degree see pages 86, 87.

SPECIAL CONCENTRATION PROGRAM LEADING TO
STATE CERTIFICATION

FRESHMAN YEAR

<i>First Semester</i>	<i>Credits</i>	<i>Second Semester</i>	<i>Credits</i>
Biology 101, or Chemistry 101, or Physics 101	5	Biology 102, or Chemistry 102, or Physics 102	5
English 101	3	English 102	3
Language	3	Language	3
Mathematics 101	3	Mathematics 102	3
Physical Education 101	1	Physical Education 102	1
Elective	2	Elective	2
<hr/>		<hr/>	
Total Semester Credits 15 or 17		Total Semester Credits 15 or 17	

SOPHOMORE YEAR

English 201	3	English 202	3
Economics 201	} Two of Three	Economics 202	} Two of Three
Government 201		Government 202	
History 101		History 102	
Language	3	Language	3
Physical Education 203	2	Physical Education 208	3
Physical Education 201	1	Physical Education 202	1
Elective	2	Elective	2
<hr/>		<hr/>	
Total Semester Credits 15 or 17		Total Semester Credits 16 or 18	

JUNIOR YEAR

Biology 305	4	Education S302	3
Education 301	3	Physical Education 308	3
Physical Education 311	2	Physical Education 312	3
Physical Education 313	2	Physical Education 316	2
Physical Education 319	2	Physical Education 321	3
Elective	2-3	Elective	2-3
<hr/>		<hr/>	
Total Semester Credits 15 or 16		Total Semester Credits 16 or 17	

SENIOR YEAR

<i>First Semester</i>	<i>Credits</i>	<i>Second Semester</i>	<i>Credits</i>
History 201	3	Education 412	3
Physical Education 409	2	Physical Education 408	3
Physical Education 411	3	Physical Education 412	2
Physical Education 415	3	Physical Education 416	3
Elective	4-6	Elective	4-6
<hr/>		<hr/>	
Total Semester Credits 15 or 17		Total Semester Credits 15 or 17	

NOTE: Electives may very well be used to make up a teaching minor. Possible minors are in language, mathematics, science, and social studies.

The above comprehensive program qualifies a person for a number of positions: teaching Physical Education in a consolidated school or a large secondary school; teaching Physical Education and a second subject in a small secondary school; coaching and directing athletics combined with the teaching of another subject or subjects; supervising physical education and recreation programs; summer camp work; and preparation for graduate study in Physical Education or Physical Therapy.

DESCRIPTION OF COURSES

Students concentrating in other departments may elect physical education courses according to interest or to prepare for teaching combinations, recreation work, or other related fields.

101, 102, 201, 202. *Required Physical Education.* Both semesters; three hours or two double periods; one credit each semester. STAFF.

All freshman and sophomore men must register for required Physical Education, and placement in activities will be based on the results of initial skill tests. Students with physical defects will be registered in a special adapted sports class on the recommendation of the college physician. Instruction is given in the following individual and group activities: advanced swimming and life saving, beginning swimming, badminton, basketball, golf, handball, soccer, softball, speedball, tennis, touch football, track and field, tumbling, volleyball, and wrestling. Each student must attain a satisfactory degree of proficiency in one team or group activity, one individual indoor activity, one individual outdoor

activity, and must pass a swimming test. A regulation uniform is required.

203. *Group Games and Recreational Activities*. First semester; lectures and laboratory four hours; two credits. MR. MEEKS.

Theory, practice, teaching methods of games and relays of low organization; team and individual activities for both the elementary and secondary level. School playground management.

208. *First Aid, Safety and Driver Education*. Second semester; lectures and laboratory four hours; three credits. MR. JENSEN.

Advanced Red Cross First Aid, advanced certificate awarded upon successful completion of course; safety projects and problems; selection and organization of materials, methods, and techniques of driver education including behind the wheel instruction.

308. *Applied Anatomy and Kinesiology*. Second semester; lectures three hours; three credits. Prerequisite: Biol. 305. MR. SMITH.

A study of the principles of human motion. Anatomical and mechanical analysis of individual skills in physical education activities.

311. *Introduction to Physical Education*. First semester; lectures two hours; two credits. MR. MEEKS.

An orientation course in the history and principles of physical education, health, and recreation.

312. *Methods and Materials in Teaching Physical Education*. Second semester; lectures three hours; three credits. MR. MEEKS.

Application of teaching methods and techniques. Evaluation of test materials and measurement programs; curriculum construction.

313. *Gymnastics and Wrestling*. First semester; lectures and laboratory four hours; two credits. MR. JENSEN.

Tumbling stunts, heavy apparatus and body conditioning exercises. Pyramid building and exhibition planning. Theory, practice, and coaching of wrestling.

316. *Theory and Coaching of Baseball, Track and Field.* Second semester; lectures and laboratory four hours; two credits. MR. TIPTON and MR. JOYNER.

Study of approved methods in coaching baseball, track and field in all phases.

319. *Tennis, Golf, Swimming and Rhythmics.* Either semester; lectures and laboratory four hours; two credits. MR. SMITH and MISS EDMUNDSON.

Theory, practice and coaching techniques. Teaching of fundamental rhythmics; folk and square dancing.

321. *Methods and Materials in Health Education.* Either semester; lectures three hours; three credits. MR. MEEKS.

Teaching methods and materials applicable to health education for various age levels, organization of classes, selection of content and evaluation of outcomes. Survey of State Department publications and other resource material.

408. *Organization and Administration of Health and Physical Education Programs.* Second semester; lectures three hours; three credits. MR. MEEKS.

Organizational and administrative policies and procedures for physical education, health, and intramural programs in junior and senior high schools.

409. *Organization and Administration of Community Recreation Programs.* First semester; lectures two hours; two credits. MR. MEEKS.

Administrative policies and procedures; legal aspects; public relations; qualifications and duties of personnel; study of federal, state and local agencies.

411. *Therapeutic Physical Education.* First semester; lectures three hours. Prerequisite: Biol. 305. MR. SMITH.

Physical examinations with emphasis placed on the recognition of normal and faulty postural conditions at various age levels. Special attention given to remedial exercises and adaptive activities, theory and practice of taping and massage, techniques and modalities in physical therapy and their application to physical education injuries.

412. *Theory and Coaching of Football and Basketball.* Second semester; lectures and laboratory four hours; two credits. MR. TIPTON and MR. BAIRD.

Theory, practice, and coaching methods; team problems.

415, 416. *Student Teaching.* Continuous course; five hours; three credits each semester. Prerequisites: senior standing, nine credits in Education; fifteen semester credits in Physical Education. MR. SMITH.

Daily observation and teaching at the laboratory school. Weekly conferences, special assignments and reports.

492. *Physiology of Activity.* Either semester; lectures three hours; three credits. Prerequisite: Biol. 305 or the equivalent. MR. SMITH.

Physiological aspects of exercise, fatigue, coordination, training and growth; functional tests with normal and abnormal subjects; investigations and independent readings.

493. *Philosophy and Literature in Health, Physical Education and Recreation.* Either semester; lectures three hours; three credits. MR. MEEKS.

Extensive readings, discussions and evaluations of historical and current philosophies and practices; educational implications of problems facing the separate fields.

502. *Problems and Research in Health, Physical Education and Recreation.* Either semester; lectures three hours; three credits. Prerequisite: Education 501 or the equivalent. MR. SMITH.

The application of various methods and statistical techniques as most commonly used in physical education research. Limited research studies and problems are conducted in the three areas.

503. *Seminar in Advanced Techniques in Sports.* Either semester; lectures three hours; three credits. MR. JENSEN.

Consideration given to the designing of plays, types of strategy, and instruction and handling of players.

506. *Administration and Supervision in Physical Education, Health and Recreation.* Either semester; lectures three hours; three credits. MR. JENSEN.

Problems of administration and supervision in the three areas, modification of programs to fit the facilities available, curriculum planning, grading procedures and techniques of instruction.

508. *Health Coordination.* Either semester; lectures three hours; three credits. MR. SMITH.

Factors of school and community activities related to health. Relationships of the service, instructional, protective, and guidance phases in the health program.

MEDICAL ATTENTION

The College will not be responsible for doctors' bills for medical attention of any kind for students who are injured in athletics or Physical Education classes, except such attention as is furnished by the college physician and resident nurses. (See page 66.)

Physical Education for Women

ASSOCIATE PROFESSORS REEDER (*Head of the Department*) and BARKSDALE. INSTRUCTORS BARRAND, BRYANT and EDMONDSON. COLLEGE PHYSICIAN DeBORD, M.D.

All freshmen and sophomores must register for Physical Education. Proficiency must be established in team sports, individual sports, swimming, and dance. Placement in activities is based upon a medical and physical examination. A regulation uniform is required.

DESCRIPTION OF COURSES

001. *Beginning Swimming*. Both semesters; three hours; no credit. STAFF.

Freshmen with no experience in swimming should register for this course in addition to a credit course.

101. *Team Sports*. Both semesters; three hours or two double periods; one credit. MISS BARKSDALE, MISS BARRAND, MISS BRYANT and MISS REEDER.

Seasonal activities: hockey, basketball, volleyball, and lacrosse.

102. *Dance*. Both semesters; three hours or two double periods; one credit. MISS EDMONDSON.

Fundamentals of dance; modern and folk dancing.

†145, 146. *Adapted Activities*. First and second semesters; three hours or two double periods; one credit each semester. MISS BRYANT.

Upon recommendation of the college physician these courses may be substituted for required courses.

201. *Swimming*. Both semesters; three hours; one credit. MISS BARRAND and MISS BRYANT.

Safety skills, standard swimming strokes, diving, life saving techniques.

202. *Individual Sports*. Both semesters; three hours or two double periods; one credit. MISS BARKSDALE, MISS BARRAND, MISS BRYANT and MISS REEDER.

Seasonal activities: archery, tennis, fencing, badminton, bowling and golf.

ELECTIVE COURSES IN PHYSICAL EDUCATION FOR WOMEN

The following courses are intended to supplement the four semesters of required physical education and may be elected for academic credit. These courses are open to juniors and seniors, and may be elected concurrently with a required class by sophomores. Freshmen may elect these courses in addition to required work with permission of the head of the Department.

301. *Survey of Dance History and Forms*. First semester; lectures and laboratory, four hours; two credits. Prerequisite: Phys. Ed. 102. MISS EDMONDSON.

Development of dance from primitive ritual to present day recreational and art forms.

302. *Waterfront Leadership*. Second semester; lectures and laboratory, four hours; two credits. Prerequisite: Senior Life Saving (students should be at least nineteen years of age). MISS BARRAND.

Especially designed for students who wish to do camp and playground work and includes Instructor's course of the American Red Cross.

303, 304. *Coaching and Officiating of Selected Sports*. Both semesters; lectures and laboratory four hours; two credits each semester. Prerequisite: Proficiency in two of the following sports: hockey, basketball, tennis, swimming, softball. MISS BARKSDALE and MISS REEDER.

Theory and practice in the coaching and officiating of two seasonal sports each semester. Women's National Officials Rating Tests will be given.

WOMEN'S SPORTS

Recreational activities are conducted under the auspices of the Women's Athletic Association Committee. (See page 53.)

MEDICAL ATTENTION

The College will not be responsible for doctors' bills for medical attention of any kind for students who are injured in athletics or Physical Education classes, except such attention as is furnished by the college physician and resident nurses. (See page 66.)

Physics

PROFESSOR MOONEY (*Head of the Department*). ASSOCIATE
PROFESSOR HART and HENDERSON. ASSISTANT
PROFESSOR WHITEHEAD.

REQUIREMENTS FOR CONCENTRATION

The student concentrating in Physics should complete during his freshman and sophomore years two years of physics and two years of mathematics including one year of the calculus. The completion of at least one regular 400 course in physics is required for the B.S. degree in Physics. The minimum number of semester hours required for concentration in Physics is thirty-two.

DESCRIPTION OF COURSES

101, 102. *General Physics*. Continuous course; lectures four hours, laboratory three hours; five credits each semester. MR. MOONEY and STAFF.

A beginning course in College Physics. Mechanics and heat first semester. Sound, electricity and light second semester. Required of all students concentrating in Physics, all pre-medical students, and all students preparing for engineering.

103, 104. *Elementary Physics*. Continuous course; lectures four hours, laboratory three hours; five credits each semester. MR. HART and STAFF.

A beginning course in College Physics satisfying the distribution requirements in the fields of science. Recommended for non-science concentrators. Mechanics and heat first semester; sound, electricity and light second semester. Attention to the historical development of physical concepts and theories. Applications to elementary problems. The role of physics in the modern world.

106. *Descriptive Astronomy*. Second semester; lectures three hours; three credits. MR. WHITEHEAD.

Descriptive study of the solar system; theories of origin of the planets. Star classification; descriptive studies of star clusters

and galaxies. Recommended for science teachers. An elective course with no credit for concentration in physics. MR. WHITEHEAD.

202. *Heat and Thermodynamics*. Second semester; lectures three hours; three credits. Prerequisite: three semesters of physics. MR. HART.

Elementary theory of heat and thermodynamics. Applications of thermodynamics to ideal and actual systems.

203. *Mechanics and Molecular Physics*. First semester; lectures three hours, laboratory four hours; four credits. Prerequisite: two semesters of physics and enrollment in the calculus. MR. MOONEY.

Theoretical applications of the laws of mechanics; numerous problems in mechanics and molar physics. Laboratory measurement in mechanics and molar physics.

205. *Aerodynamics*. First semester; lectures three hours; three credits. Prerequisite: two semesters of physics. MR. HENDERSON.

Elementary aerodynamics and the theory of flight. Recommended for students preparing for aeronautical engineering.

302. *Geometrical and Physical Optics*. Second semester; lectures three hours, laboratory four hours; four credits. Prerequisite: two semesters of physics and the calculus. MR. WHITEHEAD.

Geometrical optics; theory and use of the prism spectrometer; diffraction phenomena, interferometry; polarization phenomena; application of the theory of physical optics; experiments in photography and spectrography.

303. *Electricity and Magnetism*. First semester; lectures three hours, laboratory three hours; four credits. Prerequisite: three semesters of physics and enrollment in Differential and Integral Calculus. MR. MOONEY.

Development of the theory of electricity and magnetism from fundamental principles. Introduction to electromagnetic theory. Laboratory experiments in electrical measurements.

304. *Alternating Currents and Electronics*. Second semester; lectures three hours, laboratory three hours; four credits. Prerequisite: Electricity and Magnetism. MR. MOONEY.

Theory of alternating current networks. Studies of the modern thermionic tube and electronic applications in practical control circuits, amplifiers and oscillators.

307, 308. *Engineering Mechanics*. Continuous course; lectures three hours; three credits each semester. Prerequisites: two years of physics and the calculus. MR. WHITEHEAD.

First semester: the elementary theory of forces in equilibrium; analysis of trusses and cables; friction; graphic methods of solution of problems in statics. Second semester: kinematics and dynamics; problems of translation, rotation and motion in three dimensions, vibrations, analytic and graphic methods of solution of problems in dynamics.

†403. *Advanced Laboratory*. Either semester; hours to be arranged; credit according to work accomplished. MR. MOONEY and STAFF.

Equipment and instruction can be made available for special laboratory projects for qualified students. Requests for permission to take this course should be made early in the semester preceding that in which the course is to be taken.

405. *Introduction to Theoretical Physics*. First semester; lectures three hours; three credits. MR. HENDERSON.

Advanced dynamics; motion of rigid bodies. Waves in one, two and three dimensions. Introduction to statistical mechanics. Vector calculus methods.

406. *Introduction to Electrodynamics and Boundary Value Problems in General*. Second semester; lectures three hours; three credits. MR. HENDERSON.

Fundamentals of electromagnetic field theory. Boundary value problems. Introduction to Quantum Mechanics.

407. *Modern Physics*. First semester; lectures three hours; three credits. MR. HART.

A survey of the development of the modern theory of the atom. A study of X-radiation, quantum theory and an introduction to nuclear phenomena.

412. *Seminar in Contemporary Developments in Physics*. Either semester; hours to be arranged; credit according to work accomplished. STAFF.

Psychology

PROFESSOR WILLIAMS (*Head of the Department*). ASSOCIATE
PROFESSORS BARE, BROOKS and LAMBERT. ASSISTANT
PROFESSOR WOLIN.¹ ACTING INSTRUCTOR COX.²
LECTURERS G. JONES and ORR.

REQUIREMENTS FOR CONCENTRATION

Concentration requires thirty hours in psychology, including 201, 202, 403, 420 and three advanced laboratory courses.

INTRODUCTORY COURSES

Psychology 201 and 202 may be taken concurrently but it is recommended that they be taken in sequence. Psychology 201 is prerequisite to all advanced courses in psychology and Psychology 202 is prerequisite to all advanced laboratory courses in psychology.

150. *Psychology of Personal Adjustment*. Both semesters; lectures two hours; two credits. MR. WILLIAMS.

A course in applied psychology intended primarily for freshmen and sophomores. It presents scientific information about studying efficiently, choosing a vocation, self-control, attaining maturity, and other problems of adjustment common among college students. It may not be counted as part of the concentration program in psychology.

201. *Principles of Psychology*. Both semesters; lectures two hours, discussion two hours; three credits. MR. WILLIAMS and MR. BARE.

A survey of the basic principles of modern psychology. The main functions of human behavior are intensively studied and illustrated by reading, discussion, and classroom experiments. These functions are: simple responses to stimuli, association, conditioning, discrimination, learning, understanding, reasoning,

¹Resigned, February 1, 1955.

²Second semester, 1954-1955.

emotion, perception and organization of personality. This course is basic to a scientific understanding of people. It is a prerequisite to all 300 and 400 courses in psychology.

202. *Psychological Methods*. Both semesters; lectures two hours, laboratory three hours; three credits. Prerequisite: Psych. 201. MR. BARE and MR. WILLIAMS.

An introduction to the logic and procedures of science, including statistical method, treatment of data, and theory construction. This course is prerequisite to all advanced laboratory courses in psychology but is not required for non-laboratory courses.

NON-LABORATORY COURSES

Psychology 201 is the only prerequisite to the following courses:

301. *Child Psychology*. Both semesters; lectures three hours; three credits. MR. LAMBERT.

The development of the child from birth to adolescence. Theory and practice of child rearing in the light of experimental data.

303. *Industrial Psychology*. Second semester; lectures three hours; three credits. MR. BROOKS.

Psychology applied to industrial and military organizations. Types and uses of psychological tests in selecting and classifying personnel; methods of efficient work; the design of machines for human use; industrial training. (Given in alternate years.)

304. *Social Psychology*. Second semester; lectures three hours; three credits. MR. WILLIAMS.

A review of the facts and theories regarding the development of the social behavior of the individual.

403. *Systematic Psychology*. First semester; lectures three hours; three credits. MR. WILLIAMS.

A survey of contemporary thought in psychology and its historical antecedents. The rise and present status of the chief schools of the twentieth century: psychoanalysis, functionalism, behaviorism, structuralism, and gestalt psychology.

404. *Physiological Psychology*. First semester; lectures three hours; three credits. MR. BARE.

An examination of the relationships between physiological processes and behavior, with major emphasis on sensation and motivation.

405. *Abnormal Psychology*. First semester; lectures three hours; clinic demonstration two hours; three credits.

A description of the development and characteristics of behaviour disorders. In about one-half of the weeks during the semester, clinic demonstrations will be held at Eastern State Hospital.

406. *Sensation and Perception*. Second semester; lectures three hours; three credits. MR. WILLIAMS.

The reception, perception and discrimination of stimuli. (Given in alternate years. Not offered in 1955-1956.)

412. *Educational Psychology*. Second semester; lectures three hours; three credits. MR. BROOKS.

The application of psychological principles to classroom teaching. Topics include: learning and transfer, child development, methods of measuring individual differences and achievement and the adjustment of the teacher. (Given in alternate years. Not offered in 1955-1956.)

†420. *Seminar in Psychology*. Each semester; hours to be arranged; one credit. STAFF.

Seniors are required to take the seminar for one semester. Each student will prepare at least one oral report.

†421. *Problems in Psychology*. Both semesters; hours to be arranged; credit according to work undertaken. STAFF.

This course is intended solely for the occasional advanced student who is capable of undertaking individual research. The project may consist of bibliographic or experimental research.

LABORATORY COURSES

Both Psychology 201 and 202 are prerequisite to laboratory courses.

*401. *Group Psychological Tests*. First semester; lectures two hours, laboratory two hours; three credits. MR. BROOKS.

Principles of construction of psychological tests and an introduction to their interpretation.

*402. *Individual Psychological Tests*. Second semester; lectures three hours, laboratory two hours; four credits. Prerequisites: Psych. 405 (in addition to 201, 202).

Theory of and practice in the major individual tests of personality and intelligence, with emphasis on the Wechsler, Bellevue tests.

407. *Fundamentals of Behavior*. Second semester; lectures three hours, laboratory three hours; four credits. MR. BARE.

A study of the elementary processes of motivation, conditioning and learning. Animal subjects are employed.

408. *Human Learning and Reasoning*. First semester; lectures three hours, laboratory three hours; four credits.

The acquisition and retention of human verbal and motor behavior, including transfer of learning and problem solving.

GRADUATE COURSES

Graduate courses are open only to graduate students in the Department of Psychology.

†501-502. *Proseminar in General Psychology*. Continuous course; three credits each semester. COLLEGE STAFF.

An intensive course based on a prepared syllabus of readings, including *The Handbook of Experimental Psychology* and other comprehensive secondary sources as well as selected original literature. Topics are the major functional divisions of human behavior: conditioning, discriminating, learning, generalizing, remembering, problem solving, understanding; sensory and perceptual processes; motivation, feelings and emotions; choice, conflict, self-control and socialization; and the integration of behavior into character and personality. Seminar discussions will emphasize the major statistical and experimental methods used in establishing the facts of the subject matter and the history of systematic thought regarding them. A comprehensive examination is required. (Alternates with Psychology 503-504.)

†503-504. *Proseminar in the Fields of Psychology*. Continuous course; three credits each semester. COLLEGE STAFF.

A thorough survey of the secondary literature and a sampling of the recent primary literature in six fields of professional and applied psychology: I. *Child Psychology*, including developmental and adolescence; II. *Educational Psychology*, including teaching methods, tests of achievement and aptitude, and the duties of school psychologists; III. *Social Psychology*, including the methods of assessing the effect of a group on individual behavior, the measurement of character and personality traits and attitudes, opinion polling, leadership and morale; IV. *Clinical Psychology*, including mental deficiency and emotional disorders, and the role of the psychologist in clinics and hospitals; V. *Personnel Psychology*, including the use of interviewing and psychological tests in the selection and classification of employees; VI. *Human Engineering*, including the analysis of errors in man-machine system, efficient work methods, and the design of machines for optimal human use. Fields I, II, and III will be covered in the first semester; IV, V, and VI, in the second. A comprehensive examination is required. (Alternates with Psychology 501-502. Not offered in 1954-1955.)

†510, 511, 512, 513. *Practicum in Advanced Abnormal Psychology*. Credit to be arranged. MR. ORR and STAFF OF THE EASTERN STATE HOSPITAL.

This course will vary with the individual, depending on his prior experience. The common core of the course is: thorough mastery of psychiatric diagnostic nomenclature; intimate acquaintance with individual patients representative of the various kinds of disorders; practice in organizing all available information about a patient into a meaningful written case history; practice in interviewing; practice in the administration of certain of the psychological tests to hospital patients. The student may, with the permission of his adviser, take each section of the course for a maximum of three hours' credit per semester.

†521. *Research Problems in Psychology*. Credit to be arranged. STAFF. Course may be repeated, up to a maximum of eight hours' credit. Research may be carried out either at the College or at the Eastern State Hospital.

Secretarial Science

ASSISTANT PROFESSOR LOTT.

The following courses in Shorthand and Typewriting are open to junior and senior students in the College as elective courses, regardless of their field of concentration. Sophomore students may be granted permission to take these courses. College credit is given for the courses as indicated. These courses may be taken as part of a student's regular schedule. The course in Personal Typewriting is open to any student and is taken without credit.

SHORTHAND AND TYPEWRITING

301, 302. *Fundamentals of Shorthand and Typewriting.* Continuous course; Shorthand three hours, Typewriting three hours;¹ three credits each semester. Miss LOTT.

Fundamentals of Gregg Shorthand Simplified and the touch system of typewriting. Taking shorthand from dictation and transcribing notes stressed in second semester. Course designed for juniors who plan to continue in 401, 402. The course is also open to senior students.

401, 402. *Advanced Shorthand and Secretarial Practices.* Continuous course; lecture three hours, laboratory three hours; three credits each semester. Prerequisites: Sec. Sci. 301, 302. Miss LOTT.

Advanced shorthand and typewriting with emphasis on developing speed and accuracy in taking dictation and transcribing notes; secretarial practices; office machines.

PERSONAL TYPEWRITING

101. *Personal Typewriting.* Both semesters; two hours a week; no credit. Miss LOTT.

This course is designed to give training in the fundamentals of touch typewriting with special emphasis on typing term papers, outlines, and business letters.

¹Students who are proficient in typewriting will be excused from taking typewriting during the first semester.

Sociology and Anthropology

PROFESSOR KERNODLE (*Head of the Department*). ASSISTANT
PROFESSOR MASLOWSKI. INSTRUCTORS HARPER and RHYNE.

REQUIREMENTS FOR CONCENTRATION

Concentration in Sociology and Anthropology must include the following courses: 201, 202, 313, 331, 411, 412.

DESCRIPTION OF COURSES

201. *Introductory Sociology*. Both semesters; lectures three hours; three credits. STAFF.

An introduction to the study of society and culture. The methods and approaches of scientific analysis and criticism applied to the study of culture, society, the relationship of individuals and groups. The study of roles that people occupy in group structures and the effects of culture patterns on their performance of these roles. An introduction to principles underlying social class and rank order in different societies. The study of social change, including the problems arising out of the shift from a world of small societies to a world of urban dominated culture.

202. *Social Problems*. Both semesters; lectures three hours; three credits. MR. RHYNE.

A study of the basic concepts of social change, value conflicts, and social deviation expanded through an analysis of contemporary social problems such as mental and physical disorders, economic dislocations, population problems, family tensions, ethnic and class hostilities, and lack of personal adjustment such as crime, delinquency and vice. Emphasis upon scientific method of investigation.

302. *Criminology and Penology*. Second semester; lectures three hours; three credits.

A study of the problems of crime, criminals, and criminal justice. An exhaustive study of theories of causation and punishment. The function, success and failure of our prison system, as well as programs of prevention, considered.

304. *Social Structure*. Second semester; lectures three hours; three credits. MR. RHYNE.

A study of the principal units which are part of the structure of the entire society.

Provides a set of concepts and theories helpful to the understanding of any society. The concepts and theories emphasize the way in which social classes are affected by the individual's occupation, prestige, and political power. Attention is also focused on the problems of order and opportunity in a complex society.

305. *Industrial Sociology*. First semester; lectures three hours; three credits.

A study of the social organization of the industrial unit and of the place of the worker in modern society. Considers the formal and informal social structure of the industrial unit and the daily social processes within these structures. Includes a survey of the research and experimental materials concerning social determinants of morale and status as well as the role of the worker.

306. *Racial and Cultural Minorities in American Society*. Second semester; lectures three hours; three credits.

Distinctions of race, religion, and national origin in present American society. The "racial" or "minority group" frame-of-reference in relation to economic and social class organization, political alignments, regional traditions, and psychological tensions. Trends of change. Included is a brief comparative survey of minority problems and race issues elsewhere in the modern world.

308. *Marriage and the Family*. Both semesters; lectures three hours; three credits. MR. KERNODLE, MR. RHYNE.

A social-psychological approach to dating, courtship, marriage and family relationships. The aim of the course is to provide both a preparation for marriage and a mature understanding of the social relationships in marriage and family living. It may not be counted as part of the concentration program in sociology.

309. *Population Analysis*. Second semester; lectures three hours; three credits.

The study of problems of quality and quantity of population including theories of population growth, the problems of composition, distribution, differential fertility, international and internal migration and control of numbers and quality.

313. *Sociological Theory*. First semester; lectures three hours; three credits.

This course aims to present the major sociological theories and hypotheses which are current with some historical perspective which bears directly upon recent trends in social theory. The sources of social concepts in tradition and changing experience; their formal application in framing and executing scientific research are studied. The taken-for granted versus rational analysis, and values in relation to objectivity constitute the approach. Emphasis on current thought. This course is designed for both sociology majors and other students interested in contemporary social thought in this orientation.

315. *General Anthropology*. First semester; lectures three hours; three credits.

Traces the origins and development of *Homo sapiens* and his culture through the study of man's place in nature; fossil man; race, prehistory, and descriptions of the cultures of several contemporary primitive societies.

316. *Cultural Anthropology*. Second semester; lectures three hours; three credits.

A survey of cultural patterns as they function in the organization of diverse human groups, especially "primitive" tribes, around the world. Divergent types of patterning for individual outlook and experience. Contrasting forms of social structure. Principles of culture useful in analyzing any social system, including our own, and other modern systems.

331. *Statistical Methods in Sociology*. Second semester; lectures three hours; laboratory two hours; three credits.

The topics usually covered in an elementary course in statistics are treated with emphasis on those best adapted to sociological research.

403. *The Human Community*. First semester; lectures three hours; three credits. MR. MASLOWSKI.

The study of the community with special reference to the organization of rural and metropolitan communities. Also a study of types of communities, structure and growth of the community with emphasis upon basic research methods and current sources of data.

405. *Social Movements*. First semester; lectures three hours; three credits. Prerequisite: Soc. 201 or consent of instructor. MR. RHYNE.

A study of the social and cultural characteristics of contemporary social movements such as liberalism, democracy, socialism, communism, fascism. A critical evaluation is made of the philosophies, social foundations, and organizations of important movements. Emphasis on the interplay of these three factors.

411, 412. *Social Research*. Continuous course; lectures three hours; three credits each semester. Prerequisites: Soc. 201, 331. STAFF.

415. *Special Problems in Sociology*. For sociology majors only and upon consent of the head of the department.

428. *Culture and Personality*. Second semester; lectures three hours, three credits. MR. KERNODLE.

This course studies the interaction between the individual and culture. The focus is on those aspects of social behavior found when men interact with one another in manifest social relationships. Communication; Socialization; learning, perception, cultural control of behavior and emotion; Individual and the Group; National Character; Leadership; Attitudes and Opinions; Mass Behavior.

SOCIAL WORK

The College maintains in Richmond a graduate school for the training of social workers leading to the Professional degree of Master of Science in Social Work. For further information write to the Director of Social Work, 901 W. Franklin Street, Richmond, Virginia.

Speech

ASSISTANT PROFESSORS HAAK and SCAMMON.

INSTRUCTOR McCONKEY.

101. *Public Speaking*. Both semesters; lectures three hours; three credits. MR. McCONKEY, MR. SCAMMON.

Understanding and application of the principles of public speaking. Analysis of speeches based on organization, content, and delivery.

102. *Voice and Diction*. Both semesters; lectures three hours; three credits. MR. SCAMMON.

To develop a pleasing and effective voice. Training in articulation, enunciation, pronunciation, quality, time, and pitch. Phonetics.

103. *Oral Reading*. First semester, lectures three hours; three credits. MR. SCAMMON.

To recreate, by reading aloud, the original intention of the author.

201. *Radio Reading and Broadcasting Technique*. First semester; lectures three hours; three credits. MR. HAAK.

Training in technique and practice in presenting readings, original sketches, and adaptations of plays on the radio. Practical experience in announcing and speaking. Planning and presenting of original features and educational material in campus studio.

204. *Advanced Oral Reading*. Second semester; lectures three hours; three credits. Prerequisite: Speech 103. MR. SCAMMON.

A continuation of Speech 103 with emphasis on advanced and difficult forms of literature.

208. *Argumentation and Debate*. First semester; lectures three hours; three credits. MR. McCONKEY.

Training in the techniques and practices of argumentative speaking, study and analysis of debate propositions, preparation of the brief, research and selection of evidence, and practice in rebuttal and refutation. Lectures and class debating.

PRE-PROFESSIONAL PROGRAMS

Dentistry, Engineering, Forestry, Medical Technology, Medicine, Nursing, Public Health Service, and Veterinary Medicine

FOR MANY YEARS the College of William and Mary has given pre-professional training for Dentistry, Engineering, Forestry, Medical Technology, Medicine, Nursing, Public Health Service, and Veterinary Medicine, coupled with other sound work in the liberal arts and sciences and leading, in most cases, to a liberal arts degree. The need for specific pre-professional training is most urgent, and the College is making every possible effort to facilitate this training. Candidates for admission interested in these programs should consult with the Committee on Admissions, and students already in college with their deans or with members of departments of instruction related to their prospective professional field:

For Engineering, the departments of Physics, Chemistry, or Mathematics.

For Medicine, the departments of Biology or Chemistry.

For Clinical Laboratory Technique, Dentistry, Forestry, Nursing, and Veterinary Medicine, the Department of Biology.

Pre-Medical Course

Most medical schools require for entrance three years of collegiate study, but approximately seventy-five per cent of the students entering medical schools have had four years of college preparation. A few require a bachelor's degree, and a few others accept some students with only two years of collegiate work.

To fit these requirements and at the same time to give a broad education in liberal arts, the College of William and Mary

offers several pre-medical programs, completely outlined in the following pages, each covering basic liberal courses and specific requirements of the Association of American Medical Colleges. These requirements include a year of English, a year of Physics, a year of Biology, and one and one-half years of Chemistry. In addition, these programs include other subjects that are recommended by the Medical Schools, and that have been completed by such a large proportion of medical students as to be almost necessary for satisfactory work in a medical school. These programs in general cover the distribution requirements of the College as stated in this catalogue under general requirements for the degrees of A.B. and B.S. and also the requirements for concentration in Biology, Chemistry, or the Pre-Medical Topical Major. Each of the programs leads to the degree of B.S. Provision is made in one of them for the student to enter an approved medical school at the end of the third year and to receive the degree of B.S. from the College upon completion of his course in the medical school.

Members of the Committee on Pre-Medical Students and other advisers are constantly available for consideration of problems in the choice of programs and of entrance to medical schools. At registration and during the first year advice should be sought concerning the selection of the program to be followed.

PREPARATION FOR MEDICINE, DENTISTRY, AND
PUBLIC HEALTH SERVICE
Program I¹

<i>First Year</i>	<i>1st Sem.</i>	<i>2nd Sem.</i>	<i>Second Year</i>	<i>1st Sem.</i>	<i>2nd Sem.</i>
Eng. 101, 102	3	3	Eng. 201, 202 or Fine Arts 201, 202	3	3
Chem. 101, 102	5	5	German or French ²	3	3
Biol. 101, 102	5	5	Physics 101, 102	5	5
Math. 101, 102	3	3	Chem. 301, 302	4	4
Phys. Ed. 101, 102	1	1	Phys. Ed. 201, 202	1	1
<hr/>			<hr/>		
Total Semester Credits	17	17	Total Semester Credits	16	16

¹Concentration: Chemistry. Degree: B.S.

²It is recommended that French or German be taken. If German is taken, Scientific German (Ger. 204) should be included and at least a year of the other language or a year of Greek or Latin.





PREPARATION FOR MEDICINE, DENTISTRY, AND
PUBLIC HEALTH SERVICE—Continued

Program I¹—Continued

<i>Third Year</i>	<i>1st Sem.</i>	<i>2nd Sem.</i>	<i>Fourth Year</i>	<i>1st Sem.</i>	<i>2nd Sem.</i>
Chem. 201, 202	4	4	Hist. 101, 102 or	} ...	3 3
German or French ²	3	3	Econ. 201, 202 or		
Biol. 201, 202	4	4	Govt. 201, 202		
Hist. 101, 102 or	} ...	3 3	Advanced Chem.	2	2
Econ. 201, 202 or			Electives	7	7
Govt. 201, 202					
Elective	3	3	Total Semester Credits	12	12
Total Semester Credits	17	17			

Program II³

<i>First Year</i>		<i>Second Year</i>	
Eng. 101, 102	3 3	Eng. 201, 202 or Fine	
Math. 101, 102	3 3	Arts 201, 202	3 3
Biol. 101, 102	5 5	Chem. 301, 302	4 4
Chem. 101, 102	5 5	Biol. 201, 202	4 4
Phys. Ed. 101, 102	1 1	Foreign Language ²	3 3
Total Semester Credits	17 17	Phys. Ed. 201, 202	1 1
		Total Semester Credits	15 15
<i>Third Year</i>		<i>Fourth Year</i>	
Foreign Language ²	3 3	Hist. 101, 102 or	} ...
Hist. 101, 102 or	} ...	Econ. 201, 202 or	
Econ. 201, 202 or		Govt. 201, 202	
Govt. 201, 202	3 3	Advanced Biol.	4 4
Physics 101, 102	5 5	Electives	8 8
Advanced Biol.	4 —	Total Semester Credits	15 15
Electives	— 4		
Total Semester Credits	15 15		

¹Concentration: Chemistry. Degree: B.S.

²It is recommended that French or German be taken. If German is taken, Scientific German (Ger. 204) should be included and at least a year of the other language or a year of Greek or Latin.

³Concentration: Biology. Degree: B.S.

PREPARATION FOR MEDICINE, DENTISTRY, AND
PUBLIC HEALTH SERVICE—*Continued*

Program III¹

<i>First Year</i>	<i>1st Sem.</i>	<i>2nd Sem.</i>	<i>Second Year</i>	<i>1st Sem.</i>	<i>2nd Sem.</i>
Eng. 101, 102	3	3	Eng. 201, 202 or Fine		
Foreign Language ²	3	3	Arts 201, 202	3	3
Biol. 101, 102	5	5	Foreign Language ²	3	3
Hist. 101, 102	3	3	Hist. 101, 102 or	}	3
Phys. Ed. 101, 102	1	1	Econ. 201, 202 or		
			Govt. 201, 202		
Total Semester Credits	15	15	Chem. 101, 102	5	5
			Math. 101, 102	3	3
			Phys. Ed. 201, 202	1	1
			Total Semester Credits	18	18
<i>Third Year</i>			<i>Fourth Year</i>		
Chem. 201, 202	4	4	Biol. 201, 202	4	4
Physics 101, 102	5	5	Psych. 201	4	—
Phil. 201, 202	3	3	Chem. 301, 302	4	4
Electives	4	4	Topical Major Seminar	—	3
Total Semester Credits	16	16	Electives	4	4
			Total Semester Credits	16	15

Program IV:³ Four or Three-Year Program

The four-year program here presented meets the requirements of all medical schools and the preferences of many of them. Certain medical schools will accept a student who has completed the first three years of this program. Such a student, upon receiving the appropriate degree from a professional school approved by the College, will be awarded the degree of Bachelor of Science

¹Concentration: Topical Major in Pre-Medicine. Degree: B.S. No more than five students may be admitted each year to this topical major. A quality point average of at least 2 is a necessary condition for admission.

²It is recommended that French or German be taken. If German is taken, Scientific German (Ger. 204) should be included and at least a year of the other language or a year of Greek or Latin.

³Concentration: Chemistry. Degree: B.S.

by the College of William and Mary. In order to qualify for a degree in this course or to be recommended for entrance to a professional school, a student must complete his work in this College with a minimum quality point average of 1.

<i>First Year</i>	<i>1st Sem.</i>	<i>2nd Sem.</i>	<i>Second Year</i>	<i>1st Sem.</i>	<i>2nd Sem.</i>
Eng. 101, 102	3	3	Eng. 201, 202 or Fine Arts 201, 202	3	3
Chem. 101, 102	5	5	Chem. 201, 202	4	4
Biol. 101, 102	5	5	Physics 101, 102	5	5
Math. 101, 102	3	3	German or French ¹	3	3
Phys. Ed. 101, 102	1	1	Phys. Ed. 201, 202	1	1
		<hr/>			<hr/>
Total Semester Credits	17	17	Total Semester Credits	16	16

<i>Third Year</i>			<i>Fourth Year</i>		
Hist. 101, 102 or Econ. 201, 202 or Govt. 201, 202 } ...	3	3	Hist. 101, 102 or Econ. 201, 202 or Govt. 201, 202 } ...	3	3
Chem. 301, 302	4	4	Chem. 401, 402	4	4
Biol. ² 201, 202	4	4	Advanced Biol. or Physics	3 or 4	4
German or French ³	3	3	French, German, Greek or Latin ⁵	3	3
Math. ⁴ 201, 202	3	3	Electives, if needed, to make a grand total of 124 sem. credits for all courses		
		<hr/>			<hr/>
Total Semester Credits	17	17			

¹If two units in one of these are offered for entrance, the other should be taken.

²Public Health students should substitute Bacteriology (Biol. 301, 302).

³If German is taken, Scientific German (Ger. 204) must be included.

⁴Three-year students may substitute electives.

⁵Not required if the distribution requirement in foreign languages has already been completed.

Preparation for Engineering

Students may prepare in this College for entrance to the junior class of any standard engineering school. In making this preparation students will find it necessary to make an early selection of the branch of engineering and the engineering school which they wish to enter in order that their courses may be chosen in accordance with the requirements of their engineering school. It is strongly urged that students seek advice from the Committee on Pre-Engineering Students in adapting their courses to fit the particular branch of engineering they propose to follow.

The course, outlined below, will be found to meet the general requirements for all branches of engineering.

	<i>Semester Credits</i>
English	6
Mathematics (through Calculus)	15 (or 12)
Engineering Drawing and Descriptive Geometry	6
Physics	10
Chemistry	10

For special branches of engineering the following additional courses are recommended: an additional year of Physics for Electrical and Mechanical Engineering; an additional year of Chemistry for Chemical, Mining, and Sanitary Engineering; a year of Biology for Sanitary Engineering. Solid Geometry is required for entrance to most engineering schools and should be taken in addition to the other courses in Mathematics by those who have not already had it.

The course for engineering students may be fitted into the regular program leading to a B.S. degree and this procedure will afford the engineering student a broad training for his professional work. The completion of the program ordinarily requires four years, but engineering students who complete three years in residence and fulfill degree requirements, except the completion of a field of concentration, with a minimum quality point average of 1.2, will, upon application, be granted the B.S. degree of this College on graduation from an approved engineering school.

PROGRAM IN COOPERATION WITH THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Providing an example of the possibilities of the arrangement outlined above, the College has entered into a Combined Plan of study with the Massachusetts Institute of Technology. "In order to facilitate the combination of a liberal arts course with education in science, engineering, architecture, or city planning, the Institute has entered into a combined arrangement with a selected group of colleges whose work in the prerequisite fields of science and mathematics is of exceptional merit. Under this arrangement, and by properly planning his studies, a student of high standing may pursue a combined five years' program in which the first three years are spent at the College and the last two (or three, in the case of architecture) at the Institute, leading to the Bachelor's degree from each institution. Thus one year is saved, and the degrees of both institutions and the experience of residence in both are secured."

The following is the program of courses to be taken at the College of William and Mary:

FIRST YEAR		<i>1st</i>	<i>2nd</i>
		<i>Sem.</i>	<i>Sem.</i>
Grammar, Composition and Literature (Eng. 101-2)	3	3	
Freshman Mathematics (Math. 101-2)	3	3	
Elementary General Chemistry (Chem. 101-2)	5	5	
General Physics (Phys. 101-2)	5	5	
Physical Education (Required Phys. Ed.)	1	1	
		<hr/>	<hr/>
Total Semester Credits	17	17	
SECOND YEAR			
English Literature ¹ (Eng. 201-2)	3	3	
Calculus (Math. 201-2)	3	3	
Foreign Language	3	3	
European History ² (Hist. 101-2)	3	3	
Mechanics and Molecular Physics (Phys. 203)	4	—	
Geometrical and Physical Optics (Phys. 302)	—	4	
Physical Education (Required Phys. Ed.)	1	1	
		<hr/>	<hr/>
Total Semester Credits	17	17	

¹M.I.T. prefers Eng. 201-2 but will permit substitution of Fine Arts 201-2.

²M.I.T. prefers History 101-2 but will permit substitution of Govt. 201-2.

THIRD YEAR

	<i>1st Sem.</i>	<i>2nd Sem.</i>
Foreign Language	3	3
Differential and Integral Calculus (Math. 301)	3	—
Differential Equations (Math. 402)	—	3
Engineering Drawing and Descriptive Geometry (Ind. Arts 201-2)	3	3
Electricity and Magnetism (Phys. 303)	4	—
Alternating Currents and Electronics (Phys. 304)	—	4
Engineering Mechanics ¹ (Phys. 307-8)	3	3
or Analytical Chemistry (Chem. 201-2)	4	4
Principles of Economics (Econ. 201-2)	3	3
	<hr/>	<hr/>
Total Semester Credits	19	19
	or 20	or 20

Students preparing for special programs not mentioned above should consult with the Chairman of the Committee on Pre-Engineering Students.

¹Students preparing for Chemical Engineering or Metallurgy should elect Analytical Chemistry and omit Engineering Mechanics. For Civil, Mechanical, and Electrical Engineering programs, Engineering Mechanics should be elected and Analytical Chemistry omitted. Those who elect Analytical Chemistry may find it desirable to include it in the second year program, postponing European History to the third year.

Preparation for Forestry

Students may prepare at William and Mary for entrance into forestry schools at other institutions. Here they obtain a sound education in the humanities and other liberal arts in addition to the sciences basic to forestry.

The College offers a special program in cooperation with the School of Forestry of Duke University. Upon completion of a five-year coordinated course of study the student will have earned the Bachelor of Science degree from William and Mary and the professional degree of Master of Forestry from Duke University. The student devotes the last two years of his program to the professional forestry curriculum of his choice at Duke, where forestry courses are open only to seniors and to graduate students.

Candidates for the forestry program should indicate to the director of Admissions of the College of William and Mary that they wish to apply for the Liberal Arts-Forestry curriculum. Admission to the College is granted under the same conditions as for other curricula. At the end of the first semester of the third year the College will recommend qualified students for admission to the Duke School of Forestry. Each recommendation will be accompanied by the student's application for admission and by a transcript of his academic record at William and Mary. No application need be made to the School of Forestry prior to this time.

Pre-Forestry Curriculum at William and Mary:

FIRST YEAR		
	<i>1st Sem.</i>	<i>2nd Sem.</i>
Eng. 101, 102	3	3
Foreign Language	3	3
Biol. 101, 102	5	5
Math. 101, 102	3	3
Phys. Ed. 101, 102	1	1
	<hr/> 15	<hr/> 15

Preparation for Forestry

SECOND YEAR

	<i>1st Sem.</i>	<i>2nd Sem.</i>
Eng. 201, 202 or Fine Arts 201, 202	3	3
Foreign Language	3	3
Chem. 101, 102	5	5
Biol. 401; Biol. 206	4	4
Phys. Ed. 201, 202	1	1
	<hr/> 16	<hr/> 16

THIRD YEAR

Econ. 201, 202	3	3
Govt. 201, 202	3	3
Biol. 301 or Elective Biology	4	—
Biol. 312	—	4
Physics 101, 102	5	5
	<hr/> 15	<hr/> 15

INSTITUTE OF EARLY AMERICAN HISTORY AND CULTURE

THE INSTITUTE OF Early American History and Culture was established in 1943 by the union of certain historical research and publication activities of the College of William and Mary and Colonial Williamsburg, Incorporated. The college contributed *The William and Mary Quarterly*, an historical periodical published since 1892, and the use of the rich resources of its library, while Colonial Williamsburg contributed the Williamsburg Restoration Historical Studies, its program of research fellowships, and the use of its important manuscript collections. The board of editors of the *Quarterly* and the Restoration's advisory council of historians were merged to form the Council of the Institute, an advisory board drawn from the nation at large. The membership of the Council is given below.

The Institute endeavors to keep before the American people a clear knowledge and understanding of the development of the nation in its progress toward political, economic, and social democracy. It does so by the publication of significant books and articles in the field of American history, very broadly interpreted, from the beginnings through the Jeffersonian era; by conducting research itself and stimulating it elsewhere; by teaching and consultation; and by the acquisition of research materials, limited, however, to materials reproduced on microfilm in order not to compete with the College and the Restoration for books and manuscripts. Its collection of early American newspapers on film is one of the largest extant. Its publication of the *Virginia Gazette Index* in 1950 provided the only comprehensive index to a series of important colonial newspapers so far made available to researchers.

The Institute cooperates in many ways and to the fullest possible extent with the historical activities of both the College and Colonial Williamsburg, but its outlook is national rather than local. Its books, published over a joint imprint with the University of North Carolina Press, and the articles appearing in the *William and Mary Quarterly* are directed to the widest

possible constituency. The major aim of the Institute is to promote sound interpretation of the American heritage on all levels, from the scholar's study to the school classroom, and for the general reader as well as for the specialist. All its activities spring from the conviction that every American will be a better citizen by virtue of increased knowledge of our colonial and early national history and those who made it.

The Director of the Institute is Lyman H. Butterfield.¹ On his staff are Lester J. Cappon, Editor of Publications, in charge of the book publication program; Douglass Adair, Managing Editor of the *William and Mary Quarterly*, Jane Carson, Assistant to the Director; Virginia Northcott, Assistant Editor of the *Quarterly*; and a Research Associate, appointed for a three-year term. Mr. Cappon is also Consulting Archivist of Colonial Williamsburg, and Mr. Adair is a member of the Department of History of the College.

The offices of the Institute and of the *William and Mary Quarterly* are on the Duke of Gloucester Street near the College campus. The postal address is Box 1298, Williamsburg, Virginia.

The sponsors of the Institute are Alvin D. Chandler, President of the College of William and Mary, and Kenneth Chorley, President of Colonial Williamsburg, Incorporated.

The members of the Council for 1954-1955 are: Whitfield J. Bell, Jr., *Philadelphia*; Julian P. Boyd, *Princeton University*; Wesley Frank Craven, *Princeton University*; James H. Easterby, *Historical Commission of South Carolina*; Alfred A. Knopf, *New York City*; Leonard W. Labaree, *Yale University*; Gilbert S. McClintock, *Wilkes-Barre, Pennsylvania*; Richard P. McCormick, *Rutgers University*; David J. Mays, *Richmond, Virginia*; Edmund S. Morgan, *Brown University*; Samuel Eliot Morison, *Harvard University*; Richard L. Morton, *College of William and Mary*; Stanley Pargellis, *Newberry Library*; Clinton Rossiter, *Cornell University*; Clifford K. Shipton, *American Antiquarian Society*; Walter Muir Whitehill, *Boston Athenaeum*; Louis B. Wright, *Folger Shakespeare Library*.

¹Until December 1954, when Lester J. Cappon became acting director.

VIRGINIA FISHERIES LABORATORY

BOARD OF ADMINISTRATION

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W. H. WALKER	Willis Wharf, Virginia

¹Also Professor of Marine Biology.

²Also Lecturer in Biology.

FACILITIES

The Virginia Fisheries Laboratory is situated at Gloucester Point, on the York River, thirteen miles from the Williamsburg Campus. The Laboratory was established in 1940 to pursue research and educational activities relative to the seafood industry of the State. A unique opportunity is afforded students of Aquatic Biology and Fisheries to take advanced undergraduate and graduate training at an active center of fisheries research. Because it is located on an important estuary, the Laboratory is admirably situated to conduct research and teaching in marine, estuarine, and freshwater biology.

The new building, constructed in 1950, is equipped with running sea water, compressed air, gas, constant temperature rooms, chemistry laboratory, and a reference library. The fifty-foot research vessel "Virginia Lee" is equipped with radio-telephone and modern biological and oceanographic instruments. An auxiliary motorboat, outboard motorboats, and rowboats are available.

INSTRUCTION

Qualified undergraduate students who take residence at or near the Laboratory in summer may take advanced training in Invertebrate Ecology and other subjects as scheduled. The graduate program, leading to the Master's degree in Aquatic Biology, includes also instruction in Biology of Fishes, Seminars in Marine Biology, Biometry, and Research. Training in physical and chemical oceanography is available to graduate students by special arrangement with the Chesapeake Bay Institute of the Johns Hopkins University. The Laboratory contributes further to the field of education through its extension activities, which are available to teachers and students in the elementary and high schools and to the general public.

For further information on curriculum and research at the Laboratory, write the Director, Virginia Fisheries Laboratory, Gloucester Point, Virginia.

THE MARSHALL-WYTHE SCHOOL OF GOVERNMENT AND CITIZENSHIP

THE MARSHALL-WYTHE School of Government and Citizenship consists of the Departments of Economics, Government, History, and Sociology, and is therefore included in the Division of Social Sciences. In 1926, through the generosity of James Goold Cutler, Esq., Rochester, New York, a fund of approximately \$100,000 was established, the income to be applied toward the salary of the John Marshall Professor of Government and Citizenship and for other purposes.

The School conducts a symposium, known as the Marshall-Wythe Symposium, every fortnight during the second semester. One semester credit is given in this course, and a student may, in successive terms, receive a maximum of two credits.

HAMPTON ROADS-PENINSULA WAR STUDIES

A SERIES OF STUDIES on the impact of the war upon Hampton Roads-Peninsula area was initiated by the Division of Social Sciences of the College of William and Mary, February 1, 1945. These studies deal with some of the economic, political, and social effects of the war upon this important strategic region. They have been carried on as individual research projects by faculty members of the parent institution at Williamsburg and its branches in Norfolk and Richmond. Responsibility for the coordination of these studies and for the provision of research facilities has been assigned to the Division of the Social Sciences. Through the financial assistance of the Rockefeller Foundation, the General Education Board, the Richmond Area University Center, and local sources, these studies have resulted in a book, *The Hampton Roads Communities in World War II*, which was published by the University of North Carolina Press in 1951.

CENTER FOR OVERSEAS STUDENTS

THE CENTER for Overseas Students was established in 1952 in cooperation with Colonial Williamsburg, the Institute of International Education and the Department of State. Instruction is provided in English language and in American Culture and Institution. It is the purpose of the Center to aid newly arrived students from abroad in order that they may improve their language facility, learn something of American academic ways, and become acquainted with American culture and institutions. In the June program students who have spent a year in the United States have an opportunity to review their experience in a seminar.

In 1954 the Center was in operation in June. In 1954 the Center was directed by Professor Warner Moss, assisted by Professor R. Wayne Kernodle and Professor Marcel Reboussin.

THE 1955 SUMMER SESSION

THE SUMMER SESSION is planned to provide courses for undergraduate and graduate students enrolled in liberal arts programs, to provide professional training for teachers, counselors, principals, supervisors, and superintendents, and to furnish basic instruction in pre-professional programs, such as Forestry, Engineering, Medicine, Dentistry, Law, and the Ministry. Provision is made also for meeting the educational needs of veterans from the armed services and of high school graduates who wish to begin college work in the summer in order to accelerate their completion of the four-year college program.

The summer session is an integral part of the educational program of the College of William and Mary, and the opportunities for study are essentially the same in summer as in the regular academic session. Courses in instruction are carefully selected from the regular session curriculum and are supplemented by courses specifically designed to suit the interests and needs of students who attend the summer session. Summer session instruction is provided by regular members of the William and Mary faculty supplemented by specialists from other institutions.

For the most part, admission to College, degree requirements, supervision of students, college regulations, the Honor System, and the like, set forth elsewhere in this catalogue, apply in the summer session.

Although nearly all of the standard three semester hour courses are designed to run nine weeks, most may be taken for the six weeks' term for two semester credits. Several three and six weeks' workshops for teachers afford an opportunity for concentrated study on classroom problems. Attendance at the summer session permits the earning of credit equivalent to three-fifths of that received for a full semester's work.

SUMMER SESSION CALENDAR 1955

Registration 9 a.m. to 4:30 p.m.
Classes begin

Tuesday, June 21
Wednesday, June 22

SUMMER SESSION CALENDAR—*Continued*

Workshop on Early American Life and Culture	June 21-July 9 July 11-July 30
Laboratory Conferences (Elementary and High School)	June 21-July 9 July 11-July 30
Workshop on Methods and Materials for Teaching Science	July 5-July 22 July 25-August 12
Summer School Band	June 20-July 2
Institute on the Teaching of Latin	June 27-July 15
End of three weeks	July 9
End of six weeks	July 30
Workshop on Problems of Education	August 1-August 19
End of Summer Session	August 19
Classes will meet on Saturday, June 25, July 9, and July 30.	

FEES AND EXPENSES

Tuition for the Summer Session is comparable to the fee charged students enrolled during the regular session. The unit for computing the tuition charge is the semester hour of credit. The tuition fee for a semester hour of credit is as follows: Virginia teachers, \$5.00; other Virginia students, \$5.50; students from other states, \$10.50. There are no additional special fees except a medical and recreation fee of \$3.00 per student, and a laboratory fee in laboratory courses.

All students of the College, both men and women, are required to room in college dormitories, except graduate students and those coming daily from their homes. The weekly rates for rooms vary according to the accommodations needed by students: for men, the rates range from \$3.00 to \$5.25 per person; for women, \$4.75 to \$6.75 per person. Virginia teachers are allowed a twenty per cent discount on college rooms. A limited number of college facilities for married couples is available, also suitable accommodations may be found in private homes and apartments

near the College. Students are urged to reserve their rooms as far in advance as possible.

Meals are provided in the College Cafeteria at a cost of approximately fifteen dollars per week, depending upon the individual. All freshmen and sophomore students who are regularly enrolled at William and Mary, or any other college, and who live in the dormitories, are expected to take their meals in the College Cafeteria.

Students should allow ten to fifteen dollars for text books; other expenses such as travel, recreation, clothing, and the like depend upon the individual.

INFORMATION ABOUT THE SUMMER SESSION

Besides the Summer Session catalogue which is distributed in February, there is available a number of special bulletins that describe in detail certain opportunities for students in the College of William and Mary. These bulletins or other information on the Summer Session may be secured by writing to the Director of the Summer Session.

THE EVENING COLLEGE

THE COLLEGE OF WILLIAM AND MARY in September, 1952, initiated a program of evening meetings of courses to enable residents of Tidewater communities and military personnel stationed in the area to obtain residence credits which might be applied toward a degree at William and Mary or at other accredited institutions. This program has been accepted enthusiastically by many members of the Armed Forces whose education was interrupted by call to service.

Enrollment during the first semester of the current year totalled 329 persons, an increase of 22% over the previous semester. More than two-thirds of the students were officers and enlisted men and women of the Army, Navy, Air Force, Coast Guard, and Marine Corps.

Evening College students are classified as non-matriculated students prior to acceptance as degree candidates. Non-matriculated students who wish to earn a degree at William and Mary must make application for admission as degree candidates prior to the completion of 30 hours of undergraduate work or six hours of graduate courses if they wish credits in evening courses taken on campus to be counted toward the degree.

Courses are taught by members of the college faculty with some assistance from other qualified instructors.

Course offerings in the current session included the following: Business 327, 406, 408, and 412; Economics 201-2 and 424; Education 401, 404, S414, 415, 501, 502, 505, and 508; English 101-2 and 318; Fine Arts 215-6, 316, 410, and 416; French 101-2, 205, and 206; German 101-2; Government 202, 302, and 336; History 101-2; Home Economics 325; Music 314; Philosophy 201-2; Psychology 201 and 405; Russian 301-2; Secretarial Science 301-2; Sociology 202 and 408; Spanish 101-2; and Speech 101.

Tuition fees are \$10 per semester credit, payable upon registration. Some of the military students have enrolled under provisions of Armed Forces education plans in which the Services contribute seventy-five per cent of the tuition fees.

RICHMOND PROFESSIONAL INSTITUTE

THE RICHMOND PROFESSIONAL INSTITUTE of the College of William and Mary is a technical college which had its beginning in 1917. In 1920 it became affiliated with the College of William and Mary, and in 1925 it became a definite part of the College.

In 1946 the Institute became affiliated with the Virginia Polytechnic Institute which established a branch of its Engineering Division on the R. P. I. campus.

The Richmond Professional Institute is coeducational and open to men and women on the same terms. The enrollment in the fall of 1954 was 2,575, of which 1,382 were full-time students.

The work of the Institute is organized in the following schools and departments:

The School of Art, which includes the departments of: Fine Arts, Advertising Art, Drafting, Costume Design and Fashion, Dramatic Art and Speech, Applied Arts and Crafts, Art Education, Interior Design.

The School of Music.

The School of Business Administration.

The School of Distribution.

The School of Occupational Therapy.

The School of Clinical and Applied Psychology (graduate and undergraduate).

The School of Social Work (graduate).

The School of Rehabilitation Counseling (graduate).

The School of Applied Social Science: undergraduate, which includes the undergraduate programs in public welfare, probation, parole and penology and the programs in recreation and physical education, elementary education, applied sociology and statistics.

The School of Applied Science: which offers the programs in medical, biological and chemical laboratory technic, physical therapy and nursing.

The School of Writing, Publication and Journalism.

The Department of Engineering, in cooperation with Virginia Polytechnic Institute, offers the first two years of the standard four-year course in the various branches of Engineering.

DEGREES

At the Richmond Professional Institute each of the professional schools or departments offers major programs of study leading either to a certificate or to the professional diplomas or degrees described below. No programs of study or "majors" are offered in liberal arts and sciences in either two-year or four-year programs. In order that students enrolled in the professional schools may secure related general education and may have the advantages of basic work in the sciences and humanities, necessary individual courses are offered in the following subjects: biology, chemistry, physics, economics, English, government, history, mathematics and modern languages.

These professional schools and departments of the Richmond Professional Institute offer three- or four-year programs of study open to high school graduates and leading to a certificate or, in the four-year courses, to a degree: Bachelor of Fine Arts, Bachelor of Music, Bachelor of Music Education, Bachelor of Business or Bachelor of Science in a professional subject, the name of which is printed on the diploma. In three of the schools one- or two-year programs for college graduates are offered. These lead to a certificate or to a master's degree in a professional subject. The degrees are conferred in the name of the Richmond Professional Institute of the College of William and Mary.

The Richmond Professional Institute issues a separate catalogue, a copy of which will be sent on request to the Director of Admissions, Richmond Professional Institute, 901 West Franklin Street, Richmond, Virginia.

THE NORFOLK DIVISION OF THE COLLEGE

THE NORFOLK DIVISION of the College opened in September, 1930, on property given to the College by the City of Norfolk. Since 1919 the College had carried on in Norfolk a considerable amount of extension work, from which the Norfolk Division naturally developed. The establishment of the Division has made possible a more complete educational service in the Norfolk-Portsmouth area. About 2,200 students are now enrolled in the various programs of the Division.

The Norfolk Division was for twenty-four years a junior college. In 1954 authorization was received for the Norfolk Division to begin programs leading to bachelors' degrees in Business Administration, Elementary Education and Nursing Education.

To accomplish the varied purposes of a community college, three distinct types of curricula are offered. One type of curriculum, designed to be completed in two years, prepares the student either for some specific employment or offers him a general education. Two year programs are available in liberal arts, business administration, engineering, secretarial science, retail training, and trade and industrial training. This type of curriculum leads generally to the Associate in Arts Degree or the Vocational Certificate.

The second type of curriculum fulfills the requirements for the first two college years of a liberal arts or professional program. The liberal arts programs fulfill the general basic requirements for courses leading to the A.B. Degree at the College in Williamsburg or elsewhere. The professional programs include science, business administration, pre-law, pre-dentistry, pre-medical, nursing, music, and others, all of which may be continued or completed at the College of William and Mary.

The third type of curriculum, designed to be completed in four years, offers work leading to the bachelor's degree in Business Administration or in Elementary Education. All work toward either of these degrees may be taken at the Norfolk Division.

In 1931 the Virginia Polytechnic Institute joined with the

College in offering the first two years of their engineering curricula at the Norfolk Division. Students in this program may expect to transfer to Virginia Polytechnic Institute and complete their degree requirements in two additional years.

The Cooperative Engineering Program is now being offered whereby a student combines actual working experience with his college studies. During this program the student will spend alternate quarters in the classroom and in the industry of his choice. This alternation will continue for four years at which time the student will transfer to a full calendar year on the Virginia Polytechnic Institute campus. This means that the senior year is spent without interruption in the classroom. Thus in five years a student may complete his degree and earn his expenses in so doing.

The Evening College program offers a large number of courses to those unable to attend the regular sessions. In these classes approximately 750 students enroll annually.

The Technical Institute meets the demand of the Tidewater Area for vocational and trade programs. Much splendid equipment has been made available for training purposes.

A separate catalogue is published annually in the spring. Copies of this bulletin may be obtained by addressing the Academic Office of the Norfolk Division.

THE WILLIAM AND MARY ENDOWMENT FUND

THE ENDOWMENT ASSOCIATION

The affairs of the Association, a private corporation, are conducted by a self-perpetuating elected Board of from nine to fifteen members. The present membership of the Board is as follows:

ALVIN DUKE CHANDLER, '22x, Williamsburg, *President*
ROBERT E. HENLEY, '06, Richmond, *Vice-President*
JAMES WILKINSON MILLER, Williamsburg, *Secretary*
HUGH H. SISSON, JR., Williamsburg, *Treasurer*
ROBERT T. ARMISTEAD, '36, Williamsburg
MRS. ALFRED I. DUPONT, Wilmington, Delaware
W. BROOKS GEORGE, '32, Richmond
ELISHA HANSON, Washington, D. C.
HENRY CLAY HOFHEIMER, II, Norfolk
J. GARLAND POLLARD, JR., '23, Somers
WALTER S. ROBERTSON, '14x, Richmond
HUGHES SPALDING, Atlanta, Georgia
H. HUDNALL WARE, '22x, Richmond

The income from the Association's funds is used to support scholarships, Chancellor professorships, and other general college purposes. The objectives of the Endowment Association are contained in the charter and by-laws, copies of which may be obtained on request.

THE FRIENDS OF THE COLLEGE

The Friends of the College number fifty-one. Annual memberships of this organization are \$100; life memberships, \$1,000. The income of the Friends is spent currently for a variety of purposes at the discretion of the President of the College. Recurring expenditures are for the support of concerts, lectures, the Musical Records Collection, the War Memorial Book Shelf, undergraduate activities, and scholarship aid. The annual bulletin of the Friends may be obtained on request.

SCHOLARSHIPS, LOANS AND STUDENT EMPLOYMENT

The College offers financial assistance to deserving students who wish to defray a part of their total college expense. The types of aid include scholarships, grants-in-aid, loans and student employment. These are administered and awarded by the Committee on Scholarships and Student Employment. Inquiries and applications for financial assistance should be directed to the Secretary of the Committee. Students in residence who wish to apply for aid must do so in writing prior to May 1 of the session preceding the one for which they hope to obtain aid. Entering students must present their applications before August 1 of the year they expect to enter the College. No application for aid will be considered until the student has been selected for admission. It is suggested, however, that application forms be secured and completed in advance of March 15, the date of the first selection of candidates for admission.

All awards, unless otherwise stated, are made on the bases of need, character, and scholastic ability, and are made for one year only.

SCHOLARSHIPS

Students holding scholarships which exempt the recipients from the payment of college fees must reside in the dormitories owned by the College, and must board in the College Refectory.

At the beginning of the first semester, one-half of the value of a scholarship is credited to the student's account; the remainder is credited at the beginning of the second semester, provided the student has satisfied the academic and other requirements set forth in the Notification of Award.

All students who hold scholarships must make a quality point average of 1.0, or better, during the first semester to have the award continued for the second semester.

ENTERING FRESHMEN

Scholarship aid for able and deserving students is available for residents of Virginia, both men and women. A limited number

Scholarships, Loans, and Student Employment 249

of scholarships are also available to out-of-state male residents. For the latter it is suggested that the results of the Scholastic Aptitude Test of the College Entrance Examination Board be submitted to the Dean of Admissions as evidence of scholastic ability.

Among those scholarships which are primarily designated for entering freshmen are:

1. Special State Scholarships valued at \$300 to \$500 each for the freshman year only. To be eligible for this scholarship an entering freshman must be a Virginia resident and rank in the upper quarter of his high school graduating class.
2. Unfunded Scholarships valued up to \$200 each for an academic year. These scholarships are available to entering Virginia freshmen who meet the qualifications of scholastic achievement, character, and need.
3. Thomas Ball Scholarship Fund, established to aid students from Tidewater Virginia and particularly from the Northern Neck of Virginia. These awards vary from \$50 to \$300 for an academic year and are renewable for four years.
4. Cary T. Grayson Scholarships valued up to \$200 for an academic year or \$800 for four years. These scholarships are available to men students, Virginians and non-Virginians alike.
5. The Greene Scholarships, valued from \$100 to \$500 per academic year, available to members of the freshman class on the basis of scholastic excellence. To be eligible the applicant is expected to be in the upper third of his senior class in secondary school and may be requested to take the Scholastic Aptitude Test of the College Entrance Examination Board.
6. The Cromwell Scholarships, valued from \$100 to \$300 per academic year, awarded on the bases of academic excellence and need. An applicant may be asked to take the Scholastic Aptitude Test of the College Entrance Examination Board, and he must have a personal interview.

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7. Teacher Training Scholarships, available to freshmen who plan to teach in the elementary school system of Virginia. These scholarships are valued at \$400 per academic year.
8. Science Contest Scholarships. Six awards made annually to entering Virginia male students on the basis of competitive written examinations in each of three fields: biology, chemistry, and physics. The first place award in each field is valued at \$500 for the session; the second place award in each field is valued at \$200 for the session. These scholarships are renewable for three succeeding years if the recipient achieves a creditable record.
9. Modern Language Scholarships. The Modern Language Association of Virginia conducts a yearly tournament in French and Spanish in the high schools of Virginia. The College of William and Mary offers two scholarships of \$100 each, one for French and one for Spanish. These scholarships are open to men only.
10. Latin Tournament Scholarship. The Virginia Classical Association conducts annually a Latin Tournament for Virginia high school students. The College of William and Mary offers one scholarship valued at \$200 to a senior winner in one of the several classes of entrants in this tournament. The scholarship is renewable after the freshman year, if the recipient achieves a creditable record.

UPPERCLASSMEN

Most of the scholarships which follow are available for upperclassmen. These are valued from \$50 to \$500 for the academic year and may be applied for in the manner suggested above.

GRADUATE AND PROFESSIONAL SCHOLARSHIPS

The Marshall-Wythe Law School has two scholarships available for eligible students. One, the Matthew Gault Emery Law Scholarship, is valued at \$300 per academic year and is awarded to a student in law at the College of William and Mary. The second, the Law and Taxation Scholarship, is valued at \$500 and

awarded to a deserving student studying for the LL.M. degree in Taxation at the College of William and Mary.

MERIT SCHOLARSHIPS

The Merit Scholarships are awarded on the basis of academic achievement to the ranking undergraduate scholars of the College and are not available to entering students.

Each of these scholarships, with the exception of the Elisha Parmele Scholarship and the William Arthur Maddox Scholarship, exempts the student from the payment of \$75.00 in fees, if the recipient is a Virginia resident, or \$100.00 in fees, if the recipient is a non-Virginia resident. One-half of the scholarship is credited to the student's account at the beginning of the first semester and one-half at the beginning of the second. Failure to remain in residence at the College for the second semester forfeits one-half the value of the scholarship.

<i>Scholarship</i>	<i>Donor or Source</i>
HENRY EASTMAN BENNETT	Loren Eastman Bennett, Mrs. Henry E. Bennett, and Mrs. William George Guy
GEORGE BLOW	Captain George P. Blow
PRESIDENT BRYAN	Friends of the College of William and Mary
"KING" CARTER	Founded by Robert Carter, revived through the efforts of Mrs. Malbon G. Richardson
CHANCELLOR	Hugh Blair Grigsby
JOHN ARCHER COKE	John Archer Coke and Mrs. Elsie Coke Flanagan
EDWARD COLES	Mary Roberts Coles and Mrs. George S. Robins
CORCORAN	W. W. Corcoran

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<i>Scholarship</i>	<i>Donor or Source</i>
JACKSON W. DAVIS	General Education Board of the Rockefeller Foundation and Friends of the College
GRAVES	Rev. Dr. Robert J. Graves
ROBERT W. HUGHES	Robert M. Hughes, LL.D.
JOSEPH E. JOHNSTON	Robert M. Hughes, Jr.
JOHN B. LIGHTFOOT	Mrs. Mary Minor Lightfoot
MARY MINOR LIGHTFOOT	Mrs. Mary Minor Lightfoot
WILLIAM ARTHUR MADDOX	Susie W. Maddox
ELISHA PARMELE	United Chapters of the Phi Beta Kappa Society
JOSEPH PRENTIS	Judge Robert R. Prentis
JOHN WINSTON PRICE	Starling W. Childs
SOUTTER	James T. Soutter

GENERAL SCHOLARSHIPS

<i>Scholarship</i>	<i>Donor or Source</i>
ALUMNI	Society of the Alumni
THOMAS BALL FUND	Mrs. Alfred I. (Jessie Ball) duPont
CHRISTOPHER BRANCH	Blythe Walker Branch
BELLE S. BRYAN	John Stewart Bryan
JOHN STEWART BRYAN FUND	Mrs. Lettie Pate Evans
JOHN CLOPTON AND JOHN BACON CLOPTON	Mrs. Maria Clopton Jackson
BETTY RUTH CODDINGTON MEMORIAL	Alpha Chi Chapter of Gamma Phi Beta
RUSSELL MILLS COX, JR. WAR MEMORIAL	Dr. Russell M. Cox and Harry Duffield Cox, '43
CROMWELL	William N. Cromwell

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<i>Scholarship</i>	<i>Donor or Source</i>
CHANCELLOR DARDEN SCHOL- ARSHIP AND LOAN FUND	Mrs. Colgate W. Darden, Jr.
DELTA DELTA DELTA	Alpha Mu Chapter of Delta Delta Delta
JUNIUS BLAIR FISHBURN	Junius Blair Fishburn
GENERAL FUND	Board of Visitors of the College of William and Mary
ANNE GOFF	Mrs. Anne B. Goff
ADMIRAL CARY T. GRAY- SON	Anonymous
GREENE	Mr. and Mrs. William H. Greene
IRVIN MEMORIAL	Miss Annie B. Irvin
THOMAS JEFFERSON	Daughters of the Cincinnati
LAMBDA CHI ALPHA MEMO- RIAL	Lambda Chi Alpha
LANGHORN-PUTNEY MEMO- RIAL	Eugenie D. Turnage
MEMORIAL ENDOWMENT FUND	J. Gordon Bohannon
NORFOLK DIVISION	Board of Visitors of the College of William and Mary
PAN-HELLENIC	Pan-Hellenic Council of the Col- lege of William and Mary
PHI KAPPA ALPHA	Robert M. Hughes, LL.D.
PRENTICE-HILL DRAMATIC	Mrs. Anna Bell Koenig Nemmo
BERTEL RICHARD RASMUSSEN WAR MEMORIAL	Mr. and Mrs. Bertel Rasmussen
MARY BOYD RYLAND	Archie Garnett Ryland

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<i>Scholarship</i>	<i>Donor or Source</i>
MARTHA WALLER SAUNDERS	Alice LaVillion Saunders
OSCAR F. SMITH MEMORIAL	Oscar F. Smith
SPECIAL STATE	The General Assembly
TEACHER TRAINING SCHOL- ARSHIPS	The General Assembly
TYLER-CHANDLER	Class of 1920
UNFUNDED	The General Assembly
UNITED DAUGHTERS OF THE CONFEDERACY	United Daughters of the Con- federacy
VIRGINIA PILOT ASSOCIATION	Virginia Pilot Association of Nor- folk, Virginia
GEORGE WASHINGTON	Daughters of the Cincinnati
ALEXANDER W. WEDDELL	Alexander W. Weddell
VIRGINIA WEDDELL	Mrs. Virginia Weddell
WOMEN STUDENTS' CO-OPER- ATIVE GOVERNMENT AS- SOCIATION	W o m e n Students' Co-operative Government Association of the College of William and Mary

SPECIAL SCHOLARSHIPS

<i>Scholarship</i>	<i>Donor or Source</i>
LATIN TOURNAMENT	College of William and Mary
MODERN LANGUAGE	College of William and Mary
SCIENCE CONTEST	College of William and Mary

GRADUATE PROFESSIONAL AND CO-OPERATING SCHOOLS

<i>Scholarship</i>	<i>Donor or Source</i>
COLLEGE OF WILLIAM AND MARY	Massachusetts Institute of Tech- nology
LAW AND TAXATION	J. D. Carneal, Jr.

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<i>Scholarship</i>	<i>Donor or Source</i>
MATTHEW GAULT EMERY LAW	Theodore S. Cox
WILLIAM A. R. GOODWIN MEMORIAL FUND	Mrs. Lettie Pate Evans
EXETER COLLEGE	College of William and Mary

LOAN FUNDS AND SCHOLARSHIPS

<i>Scholarship</i>	<i>Donor or Source</i>
PHILO SHERMAN BENNETT LOAN FUND	William Jennings Bryan
HOPE-MAURY LOAN SCHOL- ARSHIP	The Hope-Maury Chapter of the United Daughters of the Con- federacy
NORFOLK COLLEGE ALUM- NAE ASSOCIATION LOAN SCHOLARSHIP	Alumnae Association of Norfolk College
WILLIAM LAWRENCE SAUN- DERS STUDENT AID FUND	William Lawrence Saunders
WILLIAM K. AND JANE KURTZ SMOOT FUND	Fairfax County Chapter, Daugh- ters of the American Revolution
STATE STUDENTS' LOAN FUND	The General Assembly

STUDENT EMPLOYMENT AND THE WORK-STUDY PLAN

In order to coordinate work and study the College has vested control of student employment in the Committee on Scholarships and Student Employment. This control applies to positions on the campus as well as to jobs in the city of Williamsburg.

At the present time employment opportunities in the vicinity of the College of William and Mary are such that each student may be assured of a substantial work income. A student may expect to earn from one-fourth to three-fourths of his college

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expenses. Through the cooperation of Colonial Williamsburg and other business concerns, a plan synchronizing part-time employment with study has been developed.

In order to maintain a proper balance between hours of employment and academic loads, the College requires that all student employment on the campus or in the city be assigned by the Secretary of the Committee on Scholarships and Student Employment. Students are cautioned not to undertake more outside work than their academic schedules will safely permit. The normal work load is fifteen hours per week, and no student may work more than twenty hours per week without permission from the Committee on Scholarships and Student Employment.

Student employment assignments are on a contractual basis. All students accepting employment are expected to meet the responsibilities of their respective jobs. Failure to do so will constitute adequate reason for the Committee to refuse further financial assistance.

The usual jobs available to students, both during the academic session and in the summer, are those as waiters, clerks, salesmen, technical and manual workers, stenographers, typists, and student assistants at the College. Whenever possible, the Committee on Scholarships and Student Employment will secure for the student a job which is directly related to his intended future career or to his course of study. In every case, an effort is made to give the student a job in which he can display his interests, talents, and skills to the best advantage.

PRIZES

The Lord Botetourt Medal. An annual award to the graduating student who has attained greatest distinction in scholarship. The medal was established in 1772, and has been revived through the generosity of Mr. Norborne Berkeley.

James Frederick Carr Memorial Cup. A memorial to James Frederick Carr, a former student of the College, who lost his life in the World War, March, 1919. This cup is the property of the College. The student winning the award has his name engraved on the cup. Awarded on the bases of character, scholarship, and leadership. Presented by Mrs. John B. Bentley.

Chi Omega Award. Twenty-five dollars awarded by the local chapter of the Chi Omega fraternity to the student attaining the highest average in the Department of Sociology.

The Wayne F. Gibbs Award. A prize of \$25.00 annually shall be awarded to the best senior student in accounting who shall have successfully completed (or is about to complete) his undergraduate work.

The William A. Hamilton Prize. A prize of \$50.00 established in 1938 by Charles P. Sherman, D.C.L., LL.D., as a memorial to the late William A. Hamilton, D.C.L., formerly Professor of Jurisprudence and Dean of the School of Economics and Business Administration, awarded to the student graduating in Law who shall write and submit the best essay or thesis on a subject connected with Roman Law or with Comparative Roman and Modern Law, the subject to be assigned by the faculty of the Marshall-Wythe School of Law.

James Barron Hope Scholarship. Established in 1897 by Robert M. Hughes, LL.D., of Norfolk, Virginia. It is awarded for the best piece of creative writing published in the College magazine and written by a student below Senior rank. The scholarship exempts Virginia students from the payment of \$75.00 in fees and non-Virginia students from \$100.00 in fees.

The L. Tucker Jones Memorial Prizes. These prizes are awarded annually to the outstanding senior students in the men's and women's intramural programs. In making the awards the committee will take into consideration qualities of leadership, high ideals, and scholastic standing. These prizes are supported by the L. Tucker Jones Memorial Fund.

The Tiberius Gracchus Jones Literary Prize. Established by Archer G. Jones as a memorial to his father, Tiberius Gracchus Jones, a member of the class of 1844-45. The income from the gift of \$1,000.00 supports a prize for the best English essay submitted by any undergraduate student. The word "essay" includes the poem, the short story, the play, the oration, and the literary essay.

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Lawyers Title Award. The Lawyers Title Insurance Corporation of Richmond, Virginia, awards an annual prize of \$100 together with an appropriate certificate to the senior or graduating student of law in the Marshall-Wythe School of Law found by the faculty of the Law School to be most proficient in the law of real estate.

The Seidman & Seidman Tax Award. The firm of certified public accountants of Seidman & Seidman makes an annual award of a gold key on which the seal of the College is engraved, to the student who, at graduation, has achieved the highest average in his courses on taxation, provided that his program has included at least three courses in this field.

The Society of the Cincinnati in the State of Virginia Prizes. The Society offers each year a medal of bronze and a cash prize of \$100.00 to a male student, majoring or minoring in history, who submits the best essay on a subject dealing with the constitutional history of the United States, or with Virginia Colonial history. The subject must be approved by the chairman of the history department. The essays must be submitted to him during the first week in May. They must be typewritten, with duplicate copies, and signed with a pseudonym. The author's name together with his pseudonym should accompany each essay in a sealed envelope. No prize will be given if a paper of sufficient merit is not submitted.

Sullivan Awards. A medallion awarded by the Southern Society of New York in recognition of influence for good, taking into consideration such characteristics of heart, mind, and conduct as evince a spirit of love and helpfulness to other men and women. Awarded each year to a man and to a woman from the student body and to a third person possessing the characteristics specified by the donors.

The Wall Street Journal Achievement Award. A suitably inscribed medal and a year's subscription to the *Wall Street Journal* awarded to the outstanding senior in the Investments course.

PRIZES AND HONOR AWARDS

PHI BETA KAPPA

INITIATES, ACADEMIC YEAR, 1953-1954

Members in Course

Class of 1954

MARY MARGARET ANDERSON	Arlington, Va.
BARBARA LEE BARKER	Norfolk, Va.
JAY SPENCER BIRNBAUER	Philadelphia, Pa.
PHILIP THOMAS BROWN	Westfield, N. J.
SHEILA SHELDON DAY	Rockville Centre, N. Y.
ANN DIETRICH	River Forest, Ill.
JANICE EILEEN FERRELL	Mount Clare, West Va.
SHIRLEY ANNE HAABESTAD	Drexel Hill, Pa.
CHARLOTTE LOUISE HENDERSON	Alexandria, Va.
MARGARET ANN IVES	Western Springs, Ill.
ANNE ROWENA LEHEW	Clifton Forge, Va.
JOHN DAVIS LAUGHLIN	Arlington, Va.
MARY ELIZABETH LEWIS	Bethesda, Md.
MARY MAPLE	Fort Knox, Ky.
MARY ELIZABETH McDOW	Norfolk, Va.
CAROL ANN MYERS	Alexandria, Va.
MARGARET OWENS	Arlington, Va.
ROBERT STANLEY RIPLEY	Portsmouth, Va.
SARAH DEAN SPANGLER	Norfolk, Va.
MARILYN JEAN THOMPSON	Hampton, Va.
BARBARA ANN TORRENCE	Danville, Va.
HENRETTA ANN TRENT	Danville, Va.
DORIS JEAN ZUIDEMA	Norfolk, Va.

Class of 1953

HERBERT ALLEN CURTIS	Berea, Ohio
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Alumna Initiate

ANNYE BRITTINGHAM BURBANK	Hampton, Va.
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AWARDS AND PRIZES AT COMMENCEMENT
JUNE 6, 1954

The Algernon Sidney Sullivan Awards: MADGE CHARLTON CUSHING, Roanoke, Virginia; WINFRED O'NEAL WARD, Exmore, Virginia; MARGUERITE WYNNE-ROBERTS, Williamsburg, Virginia.

The James Frederick Carr Memorial Cup: JAMES DENEALE GRANT, Arlington, Virginia.

The Lord Botetourt Medal: ANN DIETRICH, River Forest, Illinois.

The L. Tucker Jones Memorial Prizes: ROGER WILLIAM GROETTUM, Arlington, Virginia; SHIRLEY ANNE HAABESTAD, Drexel Hill, Pennsylvania.

The Chi Omega Sociology Prize: BEVERLY LOUISE BUCHANAN, Norfolk, Virginia.

The Wayne F. Gibbs Accounting Award: BURTON ROBERTSON SCHOOLS, Portsmouth, Virginia.

The Tiberius Gracchus Jones Literary Prize: EDYTHE MAB SALINGER, Hudson, New York.

The Society of the Cincinnati in the State of Virginia: NATHAN SAMUEL POPKIN, New Orleans, Louisiana.

The Wall Street Journal Student Achievement Award: BURTON ROBERTSON SCHOOLS, Portsmouth, Virginia.

MERIT SCHOLARSHIPS AWARDED 1954-55

Chancellor: JOHN CHARLES MARSH, Williamsburg, Virginia.

Elisha Parmele: MARILYN RUTH ZAISER, Philadelphia, Pennsylvania.

Joseph Prentis: ANNE CADWALLADER MYERS, Huntington, West Virginia.

George Blow: SONYA ELIZABETH WARNER, Houston, Texas.

Joseph E. Johnston: WILLIAM O. THOMAS, Hampton, Virginia.

John Archer Coke: BARBARA ELLIOTT WILSON, Richmond, Virginia.

Robert W. Hughes: ROGER WEBB HILL, JR., Union, New Jersey.

Edward Coles: WILLIAM H. WILLIAMS, Washington, D. C.

"King" Carter: NANCY LITTLETON BEERY, Norfolk Virginia.

Corcoran: ELIZABETH A. ROBINSON, Woodbridge, Connecticut.

Soutter: FRANKLIN F. HARDING, Williamsburg, Virginia.

Graves: BENJAMIN JAMES SEL, Englewood, New Jersey.

John B. Lightfoot: ROBERT GILLILAND FORREST, Norfolk, Virginia.

Mary Minor Lightfoot: OUIDA SAPPINGTON, Chevy Chase, Maryland.

John Winston Price: EDWARD DAVID EANES, Arlington, Virginia.

William Arthur Maddox: CAROLINE H. HANDY, Appalachia, Virginia.

Henry Eastman Bennett: EDWARD A. WATKINS, JR., Williamsburg, Virginia.

President Bryan: DONALD E. GLOVER, Fairfax, Virginia.

Jackson W. Davis: JOAN FRANCES TYLER, Chrisfield, Maryland.

DEGREES CONFERRED

Regular Session 1953-1954

BACHELORS OF SCIENCE

Mary Margaret Anderson	Arlington
Frederick Phillip Aucamp	Philadelphia, Pa.
James Raynor Barham, Jr.	Marion, S. C.
John Paul Bednarik, Sr.	Bethlehem, Pa.
Wayne Edward Begor	Hampton
Jay S. Brinbrauer	Philadelphia, Pa.
Francis Gerald Carey, II	Rockville, Conn.
Jesse Robert Cole, Jr.	Newport News
Mildred Ann Davis	Petersburg
David Betram Dunkle	Philadelphia, Pa.
Ronald R. Eisner	Brooklyn, N. Y.
Ann Franklin Fichtenger	Roanoke
Joan Frances French	Washington, D. C.
Mary Ann Garth	Alexandria
Shirley Geddes	Waban, Mass.
*Alice Louise Giden	New York, N. Y.
James Deneale Grant	Arlington
Jane Greenberger	Morristown, N. J.
Conrad Mayo Guthrie	Waynesboro
Shirley Anne Haabestad	Drexel Hill, Pa.
James William Harding	Williamsburg
David Martin Heinrich	Brooklyn, N. Y.
Charlotte Louise Henderson	Alexandria
Gloria Gwendolyn Hill	Decatur, Ga.
William Donald Hilliard	Apollo, Pa.
Herndon Jenkins	Yorktown
John Riley Johnson, Jr.	Norfolk
Rosalee Mae Jones	Arlington
Elizabeth Catherine King	Hampton
Earl Christman Lassiter, Jr.	Norfolk
John Davis Laughlin	Arlington

*Degree requirements completed February 1, 1954.

Mary Elizabeth Lewis	Bethesda, Md.
Anne Elizabeth Lieber	Ft. Belvoir
Gordon Littlepage Link	Richmond
Grover Thomas Martin	Roanoke
Eleanor Bonnie Meyer	Roanoke
Samuel Benjamin Mitchell	Millboro
Margaret Elizabeth Orr	Forest Hills, N. Y.
Marilyn Louise Parr	Washington, Pa.
Harriett Lucille Rasmussen	Sandston
Allan Charles Barbour Richardson	New Canaan, Conn.
Treasure Yvonne Rissinger	Labanon, Pa.
John Wesley Robbins, Jr.	Bayside
Harold Evan Rumbel	Richmond
*Marjorie Louise Schroeder	West Englewood, N. J.
Margel Lind Settle	Arlington
Barbara Lee Shriver	Norfolk
Betsy Burr Skinker	Roanoke
Barbara Jean Smith	Cleveland, Ohio
Carl Joseph Spies	Arlington
Joyce Ann Springer	Arlington
Grace Eleanor Stone	Forest Hills, N. Y.
Marilyn Jean Thompson	Hampton
Barbara Ann Torrence	Danville
Henretta Ann Trent	Danville
Walter Edwin Trent	New York, N. Y.
William Fred Twomey	Gloucester, Mass.
Jean Marshall von Schilling	Hampton
William Wagman	New York, N. Y.
Betty Ann Wills Wallace	Williamsburg
Winfred O'Neal Ward	Exmore
William Tunstall Wells	Altavista
Robert Holden Wilkinson, Jr.	Norfolk

BACHELORS OF ARTS

Clement Robinson Alderfer	Smethport, Pa.
Iva Moomaw Allen	Williamsburg

*Degree requirements completed February 1, 1954.

Carolyn Virginia Ash	Petersburg
Peter Stewart Austin	Morristown, N. J.
Barber Lee Barker	Norfolk
*William Carol Baskett	Richmond
Marjorie Fay Beam	Marion, N. C.
Andrew Becouvarakis	Hampton
Donald John Berryman	Brooklyn, N. Y.
Alexandria Bettinger	New York, N. Y.
Mary Katherine Binns	Richmond
J. Joel Blenden	Bradley Beach, N. J.
Bette Janet Bodley	Bethesda, Md.
Horace Roy Bourne, Jr.	Richmond
William Ekron Bowman, Jr.	Birmingham, Ala.
Nancy McDonald Brindel	Roanoke
William Arthur Brink	Newark, Del.
*E. Huntington Brown	Mansfield, Ohio
Mary Lewis Brown	Williamsburg
Philip Thomas Brown	Westfield, N. J.
Beverly Louise Buchanan	Norfolk
Carol Jean Butters	Clayton, Mo.
Ann Frances Callahan	Fredericksburg
Alan Dayton Canfield	Eatontown, N. J.
Nathan Robert Edward Carb, Jr.	Brooklyn, N. Y.
Dorothy Jean Carlson	Arlington
Marilyn Louise Carr	Portsmouth
Edwin Francis Click	Ft. Defiance
Charles Harry Cornell	New Rochelle, N. Y.
Charles Leonard Cottrell	Lawrenceville, N. J.
*Frank Houston Cowling	Newport News
Ann Masterson Crabill	Galax
Peter Benners Crenier	Darien, Conn.
Eleanor Barbara Crosset	Swarthmore, Pa.
Barbara Jean Crovo	Bethesda, Md.
Mary Catharine Curtis	Warwick
Madge Charlton Cushing	Roanoke
David Fisk Daugherty, IV	Williamsport, Pa.
Withers Davis	Richmond

*Degree requirements completed February 1, 1954.

Sheila Sheldon Day	Rockville Centre, N. Y.
Harry H. G. DeSamper	Hampton
James Stevenson Devitt	Williamsburg
Harry Augustus de Walt, Jr.	Pottstown, Pa.
Ann Dietrich	River Forest, Ill.
Lewis Allen Dixon, Jr.	Norfolk
Nancy Snyder Dixon	Norfolk
*Arthur Luke Thomas Drechney	Elmwood Park, Ill.
Mary Carlotta Duncan	Norfolk
Phyllis Jean Easler	Norfolk
*Charlotte Frey Eggler	Alexandria
Joan Antonia Ero	Norfolk
H. Joanne Eversole	Mamaroneck, N. Y.
Joan Elizabeth Farinholt	Arlington
Janice Eileen Ferrell	Mount Clare, W. Va.
Claren B. Fore	Hampton
Richard Paul Fowler	Philadelphia, Pa.
Mary Elizabeth Fralin	Roanoke
Dorothy Elizabeth Franklin	Alexandria
Margaret Charlotte Gerken	Lovettsville
John Hoeft Getreu	Brooklyn, N. Y.
Katherine Crowe Gilman	Norfolk
Gerald Charles Gordon	Roanoke
William M. Gregg	Washington, D. C.
Katherine Randolph Gresham	Chance
Peter Philip Griffin, II	Lock Haven, Pa.
William Raphael Griffin	Fort Pierce Beach, Fla.
Roger William Groettum	Arlington
*Thomas Nelson Guthrie	Waynesboro
Margaret Bowdoin Hall	Richmond
Katherine L. Hancock	Union, W. Va.
Alice Coker Harris	Norfolk
*Claude Gerald Harris	Portsmouth
Virginia Carter Harrison	Fredericksburg
*Bernard Falcon Hartwig	Norfolk
*George Banks Haycox	Norfolk
Hosey Hugh Hearn	Arcadia, Calif.

*Degree requirements completed February 1, 1954.

George Doyle Heath	Norfolk
Sheila Hebrony	Portsmouth
Betty Bones Henley	Tappahannock
Rene Arthur Henry, Jr.	Norfolk
Paul Kevin Hickey	New York, N. Y.
Milburn Linwood Hines	South Norfolk
Kenneth Carlton Hogge	Hampton
Bonnie Jeanne Holman	Alexandria
Julie Rutledge Holmes	Richmond
Anne Dudley Howard	Arlington
Marguerite Huff	Arlington
Stanley William Humphreys	Norfolk
*Posie James Hundley, Jr.	Chatham
Edward Ware Hurley	Richmond
Sarah Jane Hurst	South Weymouth, Mass.
Penelope L. Hutchinson	Arlington
Margaret Ann Ives	Western Springs, Ill.
Allan Denny Ivie, III	Leaksville, N. C.
J. Edward Jay, Jr.	Arlington
Beverley Grey Jewett	Richmond
Suzanne Elizabeth Joerndt	Cranford, N. J.
Helen Sue Johnson	Arlington
Wayne Summers Jones	McLean
Brenda Jean Kane	Hampton
Eleanor Sue Kanter	Portsmouth
Thomas Lindley Kenyon, Jr.	Glenside, Pa.
Pearle Ray Key	Arlington
Joseph Gribbel Kinder	Providence, R. I.
Katharine Anne Kinnear	Alexandria
Kent A. Kirwan	Alexandria
*Peter William Klinger	Fort Eustis
Mary Knabb	Swarthmore, Pa.
Montgomery Knight, Jr.	Norfolk
Melvin Kurzer	Newport News
George W. Larkin	Elmhurst, Ill.
Robert Nathaniel Lawrence	Norfolk
Rhea Price Lazarus	Bowling Green, Ky.

*Degree requirements completed February 1, 1954.

Anne Rowena LeHew	Clifton Forge
Margery Lloyd	Petersburg
Ann Pope Lockwood	Hampton
Joyce Ann Louderback	Elkton
Evelyn Claire Love	Alexandria
Warren Niles Low	Bethesda, Md.
Arnold H. Lubasch	Newark, N. J.
Francis Joseph MacCoy, III	Maplewood, N. J.
Dorothy Ann Madison	Ft. Monroe
Mary Maples	Ft. Knox, Ky.
Virginia Blair Mapp	Virginia Beach
Marianne Marsh	Arlington
William Allen May	Falls Church
Frank M. McCann	Spout Springs
Joan Carol McCarthy	Ossining, N. Y.
Margaret Ann McCoy	Norfolk
Idus Bailey McCurry, Jr.	Norfolk
Mary Elizabeth McDow	Norfolk
Shirley Anne McGinnis	Norfolk
*Richard Sterling McKee	Springfield, Pa.
David Louis Metz	St. Louis, Mo.
Stephen Milkovich	Johnston, Pa.
Mercedes DeSoto Miller	Norfolk
Stanley Wade Mitchem	Gwynn's Island
Margaret Browning Morgan	South Hill
Carol Ann Myers	Alexandria
Marilyn Nelson	Greenville, S. C.
Roland Paul Nemeth	Queens Village, N. Y.
Donald Lyn Neustadt	Westburg, N. Y.
Robert William Neuville	Brooklyn, N. Y.
John Leo Norton	Bayonne, N. J.
Edward Francis Novak	Williamsburg
Dolores Ann Onifer	Maybeury, W. Va.
Margaret Owens	Arlington
Sarah Gertrude Page	Virginia Beach
John Henry Parker, IV	Richmond
Gilbert Parmele	Staten Island, N. Y.
George Donald Parozzo, Jr.	Newark, N. J.

*Degree requirements completed February 1, 1954.

Roberta Ann Parrish	Elk Hill
Granville Robert Patrick	Williamsburg
Richard Lee Pendleton	Willow Grove, Pa.
Edward Finley Phillips	New York, N. Y.
Elijah Graham Pillow	Roanoke
Jane Carney Pillow	Newport News
Charles Joseph Piluso	Brooklyn, N. Y.
Jack Victor Place	Spencerville, Ohio
Louis Joseph Pomponio, Jr.	Arlington
Nathan Sherman Popkin	New Orleans, La.
Harold Arnold Posey, Jr.	Virginia Beach
Virginia-Lee Postles	Arlington
Giles Williams Quarles, III	Roanoke
Carol Raymond	Pearisburg
Jean Anne Richmond	Arlington
Marshall Ames Ries, Jr.	Braintree, Mass.
Ralph Phillips Rigby	Fairhaven, Mass.
Robert Stanley Ripley	Portsmouth
Dean Edgar Roberts	York, Maine
Lynanne Rebekah Robinson	Norfolk
Barbara Dean Rose	Williamsburg
*Walter Wallace Rowell, III	Newport News
Samuel F. Royall	Warwick
Isabella Flockhart Rubert	Yorktown
*Ernest O. Rudin	Williamsburg
Julia Breckinridge St. John	Salem
Cary M. Scates	Washington, D. C.
*Leonard Schneider	New Rochelle, N. Y.
Burton Robertson Schools	Portsmouth
Catherine Mae Sheild	Warwick
James Norvell Shrader, Jr.	Glendale, Calif.
Gloria Dru Smith	Norfolk
Kathryn Caroline Smith	Arlington
Leslie Charles Smith	Newport News
Anne Marie Sobers	Kingston, Pa.
Edward Leonard Soule, Jr.	Chicago, Ill.
Sarah Dean Spangler	Norfolk

*Degree requirements completed February 1, 1954.

Horace Speed, 3d	Alexandria
Edward Dudley Spencer, Jr.	Williamsburg
Robert Bear Sprouse	Staunton
*John Leonard Stanley	Norfolk
Carl Patterson Taylor	Gladstone
Calvin Cabell Tennis	Hampton
Marvin Thomas	Norfolk
Arthur Cornelius Thompson, Jr.	Hampton
J. Leroy Thompson, Jr.	Tarrytown, N. Y.
Barbara Joan Tignor	Richmond
Melvin J. Tillett	Williamsburg
John Henderson Tucker, Jr.	Fentress
*John Vernon Tuttle	Portsmouth
Robert Walker Tyson, Jr.	Delray Beach, Fla.
*John Leonard Ulrich	Tonawanda, N. Y.
Elizabeth Anne Uzzell	Norfolk
Gordon Cheesman Vliet	Alma, Mich.
H. H. Volz	Camp Peary
Roberta Elizabeth Wadley	Arlington
Robert Perry Wallace, Jr.	Williamsburg
Stanley Dustin Ward	Norfolk
Paul Allen Weinstein	Great Neck, N. Y.
Warren Allan Weiss	Rockaway Beach, N. Y.
R. L. Whitfield, Jr.	Norfolk
Zelda Clair Wildman	Arlington
Cary Warren Williams	Norfolk
Howard Walter Wiseman	Williamsburg
Sarah Ann Wright	Roanoke
Robert Porter Wye	West Hartford, Conn.
Doris Jean Zuidema	Norfolk

BACHELORS OF CIVIL LAW

Thomas Winfield Athey	Manassas
*Robert Fristoe Banks	Norfolk
*James David Carter, III	Williamsburg
Delman Hodges Eure	Norfolk
*William Lee Forbes	South Norfolk

*Degree requirements completed February 1, 1954.

Channing Moore Hall, Jr.	Williamsburg
Donald Alfred Lawrence	Warwick
*Charles Bruce Lester	Ft. Thomas, Ky.
Thomas Anthony Mason, Jr.	Portsmouth
Henry G. Mullins, III	Warwick
Samuel Watts Phillips	Richmond
James Basil Sawyer, Jr.	Newport News
Peter Shebell, Jr.	Asbury Park, N. J.
James Hampton Wesson, Jr.	Suffolk

MASTERS OF EDUCATION

Robert Morgan Gill	Norfolk
B.S., College of William and Mary, 1949	
Joseph John Caylor Mark	Hampton
B.S., College of William and Mary, 1951.	

MASTERS OF ARTS

William Nairne Bailey	Catonsville, Md.
B.S., College of William and Mary, 1947	
Sydney Raymond Hatch	Pymouth, England
B.A., University of the Southwest, Exter, 1950.	
George Peter Champion	Virginia Beach
B.S., Georgetown University, 1940	
Vernon Osborne	Crab Orchard, Ky.
B.S., Union College, 1949	

DOCTOR OF LAWS

John Jacob Scherer, Jr.	Richmond
Pastor, First English Evangelical Lutheran Church	
A.B., D.D., Roanoke College	
B.D., Gettysburg Lutheran Theological Seminary.	

*Degree requirements completed February 1, 1954.

Summer Session 1954

BACHELORS OF SCIENCE

John Warren Guppy, Jr.	Short Hills, N. J.
Walter Weaver Herkness, III	Philadelphia, Pa.
Mengchien Clarence Huang	Washington, D. C.
Robert Dewey Sadler, Jr.	Norfolk
James Howard Sood	Pittsburgh, Pa.
Althea Margaret Iliff Wagman	Yonkers, N. Y.

BACHELORS OF ARTS

Barbara Nelson Allen	Richmond
David Echols Bergesen	Williamsburg
Patricia Dorsey Christine	Maysville, Ky.
James Forrest Cockerille, Jr.	Arlington
Sally Lee Cook	Roanoke
John Martin Diggs	Matthews
James Bryer Duff, Jr.	Hamden, Conn.
Russell Aubrey Gills, Jr.	Richmond
Elizabeth Terry Hamilton	Arlington
James Rufus Heatherington, Jr.	Norfolk
Luther Wilson Kiger	Norfolk
Howard Garrett Leatherwood, Jr.	Virginia Beach
Annie Lee Lewis	Highland Springs
Oren Ritter Lewis, Jr.	Arlington
Joseph Mark Maurizi	East McKeesport, Pa.
Mary Louise McGlothlin	Williamsburg
George Revell Michael, Jr.	Parksley
John Millard Moore	Matthews
John Keyser Robinson	Braintree, Mass.
Nancy Waggoner Roeder	Colonial Heights
Tremaine Howard Spainhour	Williamsburg
Nancy Ray Williams	Arlington

BACHELORS OF CIVIL LAW

Thomas Todd DuVal	Gloucester
Edward Augustus Travis	Hampton

MASTERS OF EDUCATION

Joseph Dawson Amott	Newport News
A.B., College of William and Mary, 1949	
Billie Jane Barber	Accomac
B.A., Longwood College, 1951	
Laverna Malon Bayne	Norfolk
B.S., Longwood College, 1931	
Marguerite Elizabeth Bell	Suffolk
B.S., Madison College, 1940	
Neva Mae Brankley	Skipwith
B.S., Longwood College, 1948	
Edna Walden Carlton	Center Cross
B.S., Richmond Professional Institute of the College of William and Mary, 1950	
Henry Daniel Wilbur Conner	Cloverdale
A.B., College of William and Mary, 1950	
John Lee Darst	Williamsburg
A.B., Lynchburg College, 1948	
Julian Bascom Dunn	Bland
B.S., College of William and Mary, 1949	
William Raymond Formichelli	Warwick
B.A., Shepherd College, 1940	
Mary Neale Garrett	Walkerton
B.A., Longwood College, 1949	
E. Vernon Gilbert	Stony Creek
B.A., Bridgewater College, 1927	
Donald Gordon Griffin	Norfolk
A.B., College of William and Mary, 1942	
Mary Louise Habel	Newport News
B.S., University of Virginia, 1939	
Ray Powell Haynes	King William
B.S., West Virginia Institute of Technology, 1946	
Louis John Hoitsma, Jr.	Andover, Mass.
B.S., College of William and Mary, 1948	
Frances Capps Hudgins	Virginia Beach
A.B., College of William and Mary, 1949	
Mary Lee Johnson	Kilmarnock
B.A., Mary Washington College, 1941	

Samuel Kerr	Hampton
Certificate, Oswego State Teachers College, 1939	
Robert Blew Lawson	Pasadena, Cal.
B.S., College of William and Mary, 1951	
Peery Brittain Lewis	Portsmouth
B.S., College of William and Mary, 1951	
Martha Beulah Marsh	Newport News
B.Mus., Rollins College, 1936	
Elaine Robins Owens	Tabernacle
B.A., Longwood College, 1949	
Floyd Garland Shelton	Danville
A.B., College of William and Mary, 1949	
James Bryan Smith, Jr.	Petersburg
B.S., College of William and Mary, 1951	
Robert Ray Tabor	Cumberland, Md.
B.A., Shepherd College, 1950	
Elinor Lyle Taylor	Warwick
A.B., John B. Stetson University, 1940	
Francis Edward Taylor	Virginia Beach
B.A., Emory and Henry College, 1938	
William Glauss Tucker	Bon Air
A.B., College of William and Mary, 1949	
Edward Andrew Watts	Newark, N. J.
B.S., College of William and Mary, 1951	
Lillian Lucille Wheeler	Newport News
B.S., Madison College, 1948	
Garnett Lee Williams	Richmond
B.S., College of William and Mary, 1949	
Ione Elizabeth Wilshin	Norfolk
B.S., Longwood College, 1943	

ENROLLMENT

Session 1954-1955

	<i>Men</i>	<i>Women</i>	<i>Total</i>
Freshmen	323	327	650
Sophomores	203	167	370
Juniors	160	177	337
Seniors	150	164	314
B.C.L. Degree Candidates	61	6	67
Masters' Degrees Candidates	19	3	22
Unclassified	20	14	34
Totals	<u>926*</u>	<u>857*</u>	<u>1783</u>

*Less duplications — First year B.C.L. candidates who are also candidates for the Bachelor of Arts.

GEOGRAPHICAL DISTRIBUTION OF STUDENTS

Session 1954-1955

	<i>Men</i>	<i>Women</i>	<i>Total</i>
Alabama	2	1	3
Arizona	0	1	1
Arkansas	1	3	4
California	2	7	9
Colorado	0	1	1
Connecticut	22	9	31
Delaware	2	3	5
District of Columbia	8	13	21
Florida	8	10	18
Georgia	0	6	6
Illinois	16	15	31
Indiana	3	3	6
Iowa	0	2	2
Kansas	1	0	1
Kentucky	2	7	9
Louisiana	1	3	4
Maine	2	0	2
Maryland	17	20	37
Massachusetts	23	12	35
Michigan	6	14	20
Minnesota	2	1	3
Missouri	1	1	2
New Hampshire	2	2	4
New Jersey	80	65	145
New York	105	71	176
North Carolina	4	14	18
Ohio	17	14	31
Oregon	1	1	2
Pennsylvania	60	49	109
Rhode Island	6	2	8
South Carolina	0	2	2
Tennessee	2	5	7
Texas	4	3	7
Utah	1	0	1
Virginia	501	479	980
Washington	1	1	2

276 *Geographical Distribution of Students*

	<i>Men</i>	<i>Women</i>	<i>Total</i>
West Virginia	7	9	16
Wisconsin	2	4	6
Wyoming	2	1	3
Brazil	1	0	1
Canada	1	1	2
Canal Zone	1	1	2
Caracas, Venezuela	0	1	1
Colombia, South America	1	0	1
England	1	0	1
Formosa	1	0	1
Guam	1	0	1
Netherlands West Indies	2	0	2
Pakistan	1	0	1
Philippine Islands	1	0	1
Puerto Rico	1	0	1
Total	926	857	1783

Summer Session 1954

	<i>Men</i>	<i>Women</i>	<i>Total</i>
California	2	0	2
Connecticut	4	0	4
District of Columbia	0	1	1
Florida	1	2	3
Georgia	1	1	2
Illinois	1	6	7
Indiana	1	0	1
Iowa	0	1	1
Kentucky	0	2	2
Louisiana	1	0	1
Maryland	3	3	6
Massachusetts	6	1	7
Michigan	1	0	1
Minnesota	0	2	2
Missouri	1	0	1
New Hampshire	0	1	1
New Jersey	12	1	13
New York	8	9	17
North Carolina	0	4	4
North Dakota	0	1	1
Ohio	1	9	10
Oregon	2	0	2

Geographical Distribution of Students 277

	<i>Men</i>	<i>Women</i>	<i>Total</i>
Pennsylvania	9	3	12
South Carolina	0	1	1
Tennessee	1	0	1
Texas	4	2	6
Virginia	227	172	399
West Virginia	1	2	3
Wisconsin	0	1	1
Wyoming	1	0	1
Canada	1	0	1
Japan	0	1	1
Italy	0	1	1
	<hr/>	<hr/>	<hr/>
Totals	289	227	516

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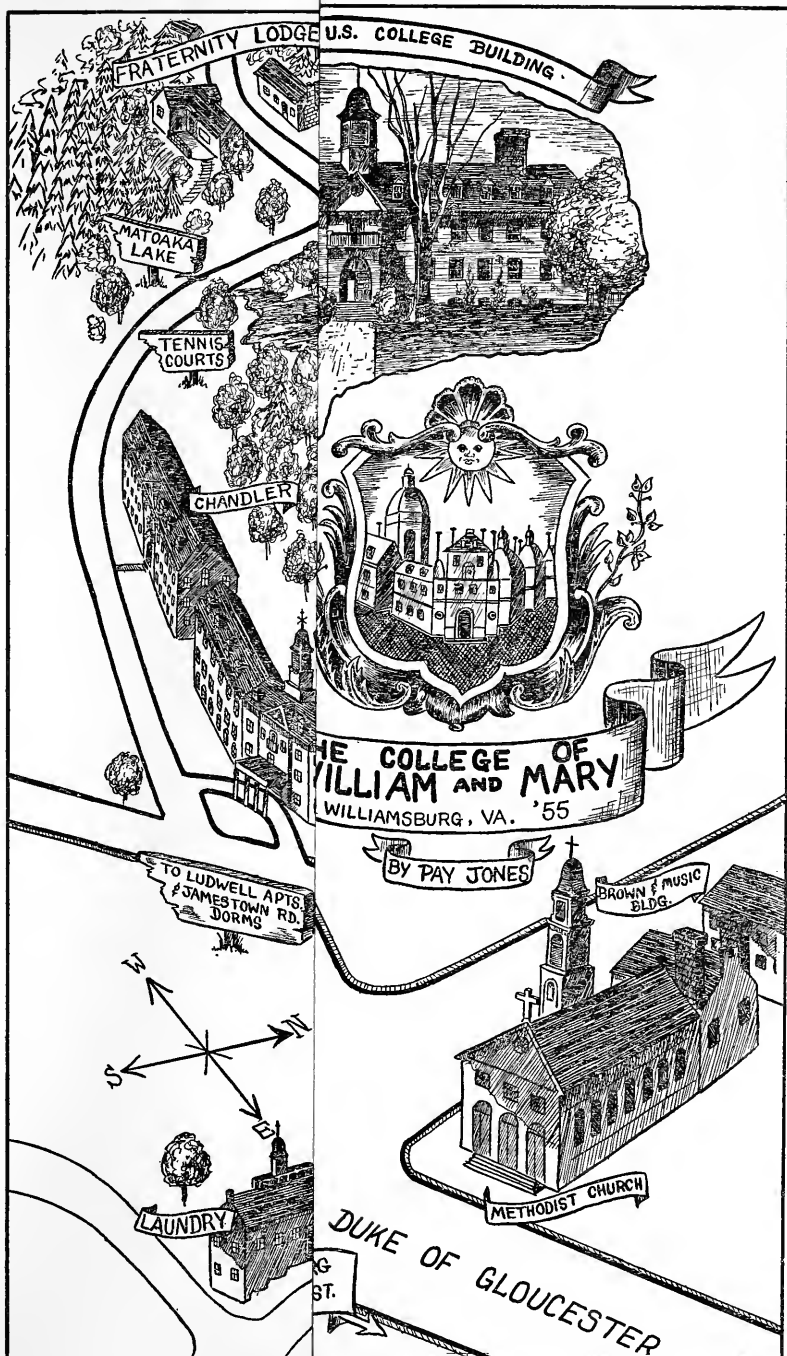
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